Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 144 No. 2 January 12, 2016

Vol. 144 No. 2 le 12 janvier 2016

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,894,370

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,894,370

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1782***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1782 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY.
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY.
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

November 20, 2015

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 20 novembre, 2015

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail Service of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 12, 2016 contains applications open to public inspection from December 27, 2015 to January 2, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 12 janvier 2016 contient les demandes disponibles au public pour consultation pour la période du 27 décembre 2015 au 2 janvier 2016.

Canadian Patents Issued

January 12, 2016

Brevets canadiens délivrés

12 janvier 2016

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[11] **2,351,567**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/12 (2006.01) G01N 33/48 (2006.01)**
[25] FR
[54] **MUTATION OF THE PARKIN GENE, COMPOSITIONS, METHODS AND USES**
[54] **MUTATIONS DU GENE DE LA PARKINE, COMPOSITIONS, METHODES ET UTILISATIONS**
[72] BRICE, ALEXIS, FR
[72] LUCKING, CHRISTOPHE, FR
[72] ABBAS, NACER EDDINE, FR
[72] DENEFLE, PATRICE, FR
[72] RICARD, SYLVAIN, FR
[72] BOULEY, SANDRINE, FR
[73] AVENTIS PHARMA S.A., FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2001-05-17
[86] 1999-11-18 (PCT/FR1999/002833)
[87] (WO2000/031253)
[30] FR (98/14524) 1998-11-19
[30] US (60/124,239) 1999-03-12
[30] FR (99/10140) 1999-08-04

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[13] C
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **PLANT MAINTENANCE TECHNOLOGY ARCHITECTURE**
[54] **ARCHITECTURE DE TECHNOLOGIE DE MAINTENANCE D'INSTALLATIONS**
[72] SPIRA, MARIO COSMAS, DE
[72] NIEDERMAYR, ERICH, AT
[72] MENDEN, GUNTER, DE
[72] KLEMME-WOLFF, HANS, CH
[72] SOMMER, BERNHARD, AT
[72] TAUTRIM, JORG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2001-11-19
[86] 2001-03-14 (PCT/IB2001/000694)
[87] (WO2001/069417)
[30] US (60/190,170) 2000-03-17

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[11] **2,385,696**
[13] C
[51] **Int.Cl. C12N 11/10 (2006.01) B01J 13/02 (2006.01) B01J 13/04 (2006.01) C12N 9/96 (2006.01)**
[25] EN
[54] **ENCAPSULATION OF SENSITIVE COMPONENTS INTO A MATRIX TO OBTAIN DISCRETE SHELF-STABLE PARTICLES**
[54] **ENCAPSULATION DE COMPOSANTS SENSIBLES DANS UNE MATRICE DE FACON A OBTENIR DES PARTICULES DISCRETES A LONGUE DUREE DE CONSERVATION**
[72] VAN LENGERICH, BERNHARD H., US
[73] GENERAL MILLS, INC., US
[85] 2002-03-25
[86] 2000-08-17 (PCT/US2000/022529)
[87] (WO2001/025414)
[30] US (09/410,017) 1999-10-01

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[11] **2,391,622**
[13] C
[51] **Int.Cl. C12N 15/63 (2006.01) A01K 67/027 (2006.01) A61K 31/713 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/85 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **INHIBITING GENE EXPRESSION WITH DSRNA**
[54] **INHIBITION D'EXPRESSION GENIQUE A L'AIDE D'ARN BICATENAIRE**
[72] ZERNICKA-GOETZ, MAGDELENA, GB
[72] WIANNY, FLORENCE, GB
[72] EVANS, MARTIN JOHN, GB
[72] GLOVER, DAVID MOORE, GB
[73] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2002-05-14
[86] 2000-11-17 (PCT/GB2000/004404)
[87] (WO2001/036646)
[30] GB (9927444.1) 1999-11-19

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[51] **Int.Cl. C12N 15/54 (2006.01) C12N 1/13 (2006.01) C12N 9/88 (2006.01) C12N 15/31 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **PRODUCT AND PROCESS FOR TRANSFORMATION OF THRAUSTOCHYTRIALES MICROORGANISMS**
[54] **PRODUIT ET PROCEDE DE TRANSFORMATION DE MICRO-ORGANISMES DE THRAUSTOCHYTRIALES**
[72] ROESSLER, PAUL G., US
[72] MATTHEWS, T. DAVE, US
[72] RAMSEIER, TOM M., US
[72] METZ, JAMES G., US
[73] DSM IP ASSETS B.V., NL
[85] 2003-10-08
[86] 2002-04-16 (PCT/US2002/012040)
[87] (WO2002/083869)
[30] US (60/284,116) 2001-04-16

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[11] **2,451,526**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **GATEWAY PLATFORM FOR BIOLOGICAL MONITORING AND DELIVERY OF THERAPEUTIC COMPOUNDS**
[54] **PLATE-FORME PASSERELLE POUR LE CONTROLE BIOLOGIQUE ET L'ADMINISTRATION DE COMPOSES THERAPEUTIQUES**
[72] DRINAN, DARREL, US
[72] MERZ, DIETHARD, US
[72] EDMAN, CARL, US
[73] PHILOMETRON, INC., US
[85] 2003-12-18
[86] 2002-06-21 (PCT/US2002/020006)
[87] (WO2003/049592)
[30] US (60/301,897) 2001-06-29
[30] US (10/032,765) 2001-10-29

[11] **2,456,621**
[13] C
[51] **Int.Cl. G01N 33/00 (2006.01) B65B 51/20 (2006.01) G01N 33/02 (2006.01)**
[25] EN
[54] **DETERMINATION OF THE AGE, IDENTIFICATION AND SEALING OF A PRODUCT CONTAINING VOLATILE COMPONENTS**
[54] **DETERMINATION DE L'AGE, IDENTIFICATION ET SCELLAGE D'UN PRODUIT CONTENANT DES MATIERES VOLATILES**
[72] HENGERER, ROLAND, FR
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2456621)
[87] (2456621)
[22] 2004-01-28
[30] EP (03354007.1) 2003-01-28

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[11] **2,460,297**
[13] C
[51] **Int.Cl. B32B 1/08 (2006.01) B32B 7/12 (2006.01) B32B 15/06 (2006.01) B32B 15/08 (2006.01) C08J 5/12 (2006.01) F16J 10/04 (2006.01)**
[25] EN
[54] **RUBBER POLYURETHANE LINER**
[54] **GARNITURE EN CAOUTCHOUC-POLYURETHANNE**
[72] BURKES, DANIEL O., US
[73] IRATHANE SYSTEMS, INC., US
[86] (2460297)
[87] (2460297)
[22] 2004-03-09
[30] US (60/548,003) 2004-02-26

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[11] **2,465,965**
[13] C
[51] **Int.Cl. G06Q 10/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CUSTOMER DIRECT ON-LINE RESERVATION OF RENTAL VEHICLES VIA USER-SELECTED PATHS**
[54] **METHODE ET APPAREIL POUR RESERVATION EN LIGNE DIRECT DE VEHICULE DE LOCATION A PARTIR DE CHEMINS SELECTIONNES PAR L'UTILISATEUR**
[72] FITZGERALD, NEIL, US
[72] BELANGER, HUGUES, US
[72] BORUFF, KELLI, US
[72] TUCKER, PAUL, US
[72] EVERSON, JEFFREY LEE, US
[73] THE CRAWFORD GROUP, INC., US
[85] 2004-01-29
[86] 2003-06-13 (PCT/US2003/018553)
[87] (WO2003/107125)
[30] US (10/172,481) 2002-06-14

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[11] **2,466,683**
[13] C
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[54] **METHODE ET SYSTEME POUR PRODUIRE UNE IMAGE A PARTIR D'UN VEHICULE**
[72] VAN DEN HEUVEL, FRANCISCUS ANTONIUS, NL
[72] BEERS, BART JOHANNES, NL
[72] VERWAAL, RUDOLF GERRIT, NL
[73] CYCLOMEDIA TECHNOLOGY B.V., NL
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[54] **MUTUAL AUTHENTIFICATION PROCESS BETWEEN A COMMUNICATION INTERFACE AND A HOST PROCESSOR OF AN NFC CHIPSET**
[54] **PROCEDE D'AUTHENTIFICATION MUTUELLE ENTRE UNE INTERFACE DE COMMUNICATION ET UN PROCESSEUR HOTE D'UN CHIPSET NFC**
[72] CHARRAT, BRUNO, FR
[72] MARTINEAU, PHILIPPE, FR
[73] INSIDE CONTACTLESS, FR
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[54] **COMPRESSION VIDEO ASSISTEE PAR CAPTEURS**
[72] STEPHAN, MARTIN, ZZ
[72] MOHR, ULRICH, ZZ
[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
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[54] **A LUBRICATING OIL ADDITIVE COMPOSITION AND METHOD OF MAKING THE SAME**
[54] **COMPOSE D'ADDITION D'HUILE LUBRIFIANTE ET METHODE DE FABRICATION CONNEXE**
[72] STOKES, CASEY D., US
[72] RUHE, WILLIAM R., JR., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **AUTOMATED AUTONOMY INCREASING SYSTEM AND METHOD FOR COMMUNICATION DEVICES**
[54] **PROCEDE ET SYSTEME AUTOMATISES PERMETTANT D'AUGMENTER L'AUTONOMIE POUR DES DISPOSITIFS DE COMMUNICATION**
[72] BOUCHARD, GENEVIEVE, CA
[72] GAGNE, JONATHAN, CA
[72] MOISAN, ALAIN, CA
[72] MONTPLAISIR, JEAN-FRANCOIS, CA
[73] RECHERCHE ET DEVELOPPEMENT EVERON CA INC., CA
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[54] **DEVICE AND METHOD FOR THE CONTACTLESS DETERMINATION OF SPATIAL POSITION/ORIENTATION OF BODIES**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER SANS CONTACT LA POSITION/ORIENTATION SPATIALE D'ELEMENTS**
[72] KNOBEL, BRUNO, CH
[72] BARTL, FRANK, DE
[72] FINDEISEN, CHARLES, CH
[72] KEEVE, ERWIN, DE
[72] WIDMER, KARL-HEINZ, DE
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[54] **METHOD FOR DISSOLVING CELLULOSE AND FOR PRODUCING CELLULOSE PARTICLES**
[54] **PROCEDE DE DISSOLUTION DE CELLULOSE ET DE PRODUCTION DE PARTICULES DE CELLULOSE**
[72] KOIVUNEN, KIMMO, FI
[72] SILENIUS, PETRI, FI
[72] LAINE, JANNE, FI
[72] VUORINEN, TAPANI, FI
[73] SAPPI NETHERLANDS SERVICES B.V., NL
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[54] **ACCOUPLEMENT DE TRANSMISSION REGLABLE POUR ELEMENTS DE COUVERTURE ARCHITECTURALE**
[72] KOOP, LARS, DE
[72] BOHLEN, JOERG, DE
[73] HUNTER DOUGLAS INDUSTRIES B.V., NL
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[54] **AUTOMOTRICE DE TRANSPORT DE VOYAGEURS**
[72] PALAIS, GEORGES, FR
[72] LHOMMET, MAX, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **EYEWEAR WITH ADJUSTABLE TEMPLES**
[54] **LUNETTES AVEC BRANCHES REGLABLES**
[72] LAMONTAGNE, MARC, CA
[72] ISABELLE, PAUL, CA
[72] DOYON, JEAN-CHRISTOPHE, CA
[73] NORTH SAFETY PRODUCTS LIMITED, CA
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[54] **MODULE SOLAIRE**
[72] SCHILL, CHRISTOPH, DE
[73] PLATINUM GMBH, DE
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[54] **COMPOSITION MEDICINALE POUR TROUBLES INFLAMMATOIRES**
[72] CHAUHAN, VIJAY, IN
[72] SUTHAR, ASHISH, IN
[72] SAPRE, DHANANJAY, IN
[72] BAL-TEMBE, SWATI, IN
[72] GANGOPADHYAY, ASHOK KUMAR, IN
[72] KULKARNI-ALMEIDA, ASHA, IN
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[54] **DISPOSITIFS DE FILTRATION D'AIR INHALE**
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[72] GELFMAN, DANIEL M., US
[73] AIRWARE HOLDINGS, INC., US
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[54] **PROCEDES ET AGENCEMENTS DANS UN SYSTEME DE COMMUNICATION RADIO**
[72] BJOERKEN, PETER, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **ACCORD AUTOMATIQUE DE CONTROLEURS PREDICTIFS DE MODELES MULTIVARIABLES SUR GRANDE ECHELLE POUR PROCESSUS DISTRIBUES SPATIALEMENT**
[72] FAN, JUNQIANG, CA
[72] STEWART, GREGORY E., CA
[73] HONEYWELL ASCA, INC., CA
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[54] **INHIBITEURS D'HISTONE DESACETYLASE (HDAC) POUR LE TRAITEMENT DU CANCER**
[72] LICHTENSTEIN, HENRI, US
[72] EDWARDS, NICHOLAS, GB
[72] RITCHIE, JAMES, GB
[72] PETERSEN, KAMILLE DUMONG, DK
[72] PLUMB, JANE, GB
[73] TOPOTARGET UK LIMITED, GB
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[54] **SUBSTITUTED QUINOLONES AND METHODS OF USE**
[54] **QUINOLONES SUBSTITUEES ET PROCEDES D'UTILISATION**
[72] MELIKIAN, ANITA, US
[72] WRIGHT, JOHN JESSEN, US
[72] KRASINSKI, ANTONI, US
[72] HU, CHENG, US
[72] NOVACK, AARON, US
[73] CHEMOCENTRYX, INC., US
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[54] **SYSTEMES D'EXPRESSION INDUCTIBLE**
[72] BERKHOUT, BENJAMIN, NL
[72] DAS, ATZE TAEDE, NL
[73] TET SYSTEMS GMBH & CO.KG, DE
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[54] **REVETEMENTS SOLAIRES A FAIBLE EMISSIVITE**
[72] GERMAN, JOHN R., US
[72] PFAFF, GARY L., US
[73] CARDINAL CG COMPANY, US
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[54] **SURFACES UNIFORMES DESTINEES A DES SUBSTRATS DE MATERIAU HYBRIDE, LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] KORLACH, JONAS, US
[73] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US
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[54] **ESTIMATION DE LA DUREE DE VIE UTILE D'AUTONOMIE**
[72] PAPADIMITRIOU, WANDA G., US
[72] PAPADIMITRIOU, STYLIANOS, US
[73] PAPADIMITRIOU, WANDA G., US
[73] PAPADIMITRIOU, STYLIANOS, US
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[54] **A SUBSTRATE FOR FLOORINGS SUCH AS, FOR INSTANCE, SYNTHETIC GRASS TURF, CORRESPONDING SYNTHETIC GRASS TURF AND METHODS OF MANUFACTURE**
[54] **SUBSTRAT POUR REVETEMENTS DE SOL, COMME LE GAZON DE PLACAGE SYNTHETIQUE, GAZON DE PLACAGE SYNTHETIQUE CORRESPONDANT ET CONSTITUTION**
[72] STROPPIANA, FERNANDO, IT
[73] MONDO S.P.A., IT
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[54] **INTERFERON-BETA AND/OR LAMBDA FOR USE IN TREATING RHINOVIRUS INFECTION IN THE ELDERLY**
[54] **UTILISATION DE L'INTERFERON-BETA ET/OU DE L'INTERFERON-LAMBDA POUR TRAITER LES INFECTIONS A RHINOVIRUS CHEZ LES PERSONNES AGEES**
[72] DAVIES, DONNA, GB
[72] PUDDICOMBE, SARAH MARGARET, GB
[72] FOO, SOO-WEI, AU
[73] SYNAIRGEN RESEARCH LIMITED, GB
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[54] **MODULE DE SECURITE EVOLUTIF**
[72] HILL, MICHAEL JOHN, CH
[73] NAGRAVISION S.A., CH
[85] 2008-05-28
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[54] **PROCEDE POUR LE CONTROLE METABOLIQUE ET LA CLAIRANCE ELEVEE DE SOLUTES ET SOLUTIONS DESTINEES A ETRE UTILISEES DANS CELUI-CI**
[72] TOLWANI, ASHITA, US
[72] SPEER, RAJESH, US
[72] STOFAN, BRENDA, US
[73] THE UAB RESEARCH FOUNDATION, US
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[54] **INHALATEUR AVEC COMPTEUR DE DOSES ACTIONNE PAR LA RESPIRATION**
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[72] THOMSON, GLEN M., US
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[54] **STEAM TEMPERATURE CONTROL IN A BOILER SYSTEM USING REHEATER VARIABLES**
[54] **REGULATION DE LA TEMPERATURE DE LA VAPEUR D'UN SYSTEME DE CHAUDIERES A L'AIDE DE VARIABLES DU RECHAUFFEUR**
[72] CHENG, XU, US
[72] MENTEN, CHARLES H., US
[72] KEPHART, RICHARD W., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **PROCEDE ET APPAREIL DE PREPARATION DE BOUE DE SABLES BITUMINEUX**
[72] MARKS, ANITA, US
[72] WEATHERBEE, GRANT, CA
[72] KENNEDY, HEATHER, CA
[72] WALMSLEY, CHRIS, CA
[73] SUNCOR ENERGY INC., CA
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[54] **BOUTON-POUSSOIR**
[72] ASADA, MAKOTO, JP
[73] HOSIDEN CORPORATION, JP
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[54] **COMPOSITIONS AND METHODS FOR MITIGATING OR PREVENTING EMULSION FORMATION IN HYDROCARBON BODIES**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'ATTENUER OU D'EMPECHER L'EMULSIFICATION DANS LES GISEMENTS D'HYDROCARBURES**
[72] KHANDEKAR, CHANDRASHEKHAR, AU
[72] SMITH, JAMES, AU
[72] WILSON, ROHAN, NO
[73] M-I AUSTRALIA PTY LTD, AU
[73] SCHLUMBERGER NORGE AS, NO
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[54] **RAILROAD SWITCH MACHINE**
[54] **APPAREILLAGE D'AIGUILLAGE DE CHEMIN DE FER**
[72] FRANKE, RAYMOND C., US
[73] ANSALDO STS USA, INC., US
[86] (2638954)
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[25] EN
[54] **METHODS AND SYSTEMS FOR FABRICATION OF COMPOSITE ARMOR LAMINATES BY PREFORM STITCHING**
[54] **PROCEDES ET SYSTEMES DE FABRICATION DE STRATIFIES DE BLINDAGE COMPOSITES PAR PIQURE DE PREFORME**
[72] ENGELBART, ROGER W., US
[73] THE BOEING COMPANY, US
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[54] **AMORTISSEUR DE COUPLE**
[72] TSUBOI, AKIRA, JP
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[72] AMANO, YASUTAKA, JP
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[54] **MACHINE-OUTIL DE COUPE OU DE PERCAGE D'ELEMENTS SECTIONS**
[72] PIROVANO, ALESSANDRO, IT
[73] FICEP S.P.A., IT
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[54] **COMPOSITE METAL-POLYMERE PRESENTANT DES PROPRIETES VISCOELASTIQUES ET THERMIQUES AMELIOREES**
[72] HEIKKILA, KURT E., US
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[54] **APPAREIL A GLACONS AUTOMATIQUE**
[72] RAFALOVICH, ALEXANDER PINKUS, US
[72] PENDYALA, CHANDRA MOHAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **LAMINATED STEEL APPLICATION FOR MAJOR APPLIANCES DOORS AND CASES**
[54] **APPLICATION D'ACIER LAMINE POUR APPAREILS, PORTES ET COFFRES DE GRANDES DIMENSIONS**
[72] DEVOS, RICHARD, US
[72] NELSON, ROGER, US
[72] WHEAT, DANIEL, US
[72] BEREZOVSKY, OLEG, US
[72] RANARD, GEOFFREY, US
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[54] **ARTICULATION AND FIRING FORCE MECHANISMS**
[54] **MECANISMES D'ARTICULATION ET DE FORCE D'APPLICATION**
[72] VIOLA, FRANK J., US
[73] TYCO HEALTHCARE GROUP LP, US
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[72] YIU, JOHNNY WOON CHUNG, CA
[73] YIU, JOHNNY WOON CHUNG, CA
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[54] **TRAITEMENT DU CANCER ASSOCIANT UN AGENT LYMPHODEPLETEUR A DES CTL ET DES CYTOKINES**
[72] CAI, ZELING, US
[72] MORIARTY, ANN, US
[72] PETERSON, PER A., US
[72] RICHARDS, JON M., US
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[54] **RELIGHTING A TURBOFAN ENGINE**
[54] **RALLUMAGE DE REACTEUR A DOUBLE FLUX**
[72] DOOLEY, KEVIN ALLAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **PHOTOACTIVATABLE PAINT CURING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE PEINTURE PHOTOACTIVABLE**
[72] KARUNARATNE, NIRUPAMA, CA
[72] LONG, DARIN JOHN, CA
[72] RICCI, ROBERT, CA
[72] LACEY, WILLIAM, CA
[72] VAN MUYEN, MICHEL, CA
[73] HONDA MOTOR CO., LTD., JP
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[54] **IMPROVEMENTS IN OR RELATING TO JOINING STRETCHABLE FABRIC PORTIONS TO ONE ANOTHER**
[54] **AMELIORATIONS APPORTEES A L'ASSEMBLAGE DE PORTIONS DE TISSU ETIRABLES**
[72] STURMAN, RICHARD, GB
[72] HALES, JOHN, GB
[73] MONTFORT SERVICES SDN. BHD, CN
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[22] 2008-11-26
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[54] **TURBOJET ENGINE SUSPENDED FROM A SUPPORT STRUT OF AN AIRCRAFT**
[54] **TURBOREACTEUR SUSPENDU A UN PYLONE D'AERONEF**
[72] BAILLARD, ANDRE BRUNO DENIS, FR
[72] CHOUARD, PIERRE-ALAIN JEAN-MARIE PHILIPPE HUGUES, FR
[72] CONTE, FRANCOIS RAYMOND, FR
[72] LEFORT, GUILLAUME, FR
[73] SNECMA, FR
[73] AIRCELLE, FR
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[54] **METHODS AND COMPOSITIONS FOR MAKING AND USING POLYMORPHS OF CINACALCET**
[54] **PROCEDES ET COMPOSITIONS POUR LA FABRICATION ET L'UTILISATION DE POLYMORPHES DU CINACALCET**
[72] LIU, BELLE BEI, US
[72] ZHOU, PENGZU, US
[72] CAUCHON, NINA, US
[73] AMGEN INC., US
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[54] **HEART ASSIST DEVICE WITH EXPANDABLE IMPELLER PUMP**
[54] **DISPOSITIF D'ASSISTANCE CARDIAQUE AVEC UNE POMPE A IMPULSEUR EXTENSIBLE**
[72] MCBRIDE, MARK W., US
[72] BOGER, DAVID A., US
[72] CAMPBELL, ROBERT L., US
[72] DILLON, GREGORY P., US
[72] HAMBRIC, STEPHEN A., US
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[73] THE PENN STATE RESEARCH FOUNDATION, US
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[54] **METHODS AND COMPOSITIONS FOR EXPRESSING NEGATIVE-SENSE VIRAL RNA IN CANINE CELLS**
[54] **METHODES ET COMPOSITIONS D'EXPRESSION D'ARN VIRAL SENS NEGATIF DANS DES CELLULES CANINES**
[72] DUKE, GREGORY, US
[72] KEMBLE, GEORGE, US
[72] WANG, ZHAOTI, US
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[73] MEDIMMUNE, LLC, US
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[54] **DELTA-5 DESATURASE ET SON UTILISATION POUR PRODUIRE DES ACIDES GRAS POLYINSATURES**
[72] DAMUDE, HOWARD G., US
[72] ZHU, QUINN QUN, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **DENTAL APPLIANCE CLEANSER**
[54] **NETTOYEUR D'APPAREIL DENTAIRE**
[72] BROGDEN, KYLE N., US
[72] OTHS, PHILIP J., US
[72] LECH, STANLEY J., US
[72] MEHTA, NARESH L., US
[73] GLAXOSMITHKLINE LLC, US
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[54] **METHOD AND APPARATUS FOR MAINTAINING UPLINK SYNCHRONIZATION AND REDUCING BATTERY POWER CONSUMPTION**
[54] **PROCEDE ET APPAREIL DE MAINTIEN DE SYNCHRONISATION DE LIAISON MONTANTE ET DE REDUCTION DE CONSOMMATION D'ENERGIE DE BATTERIE**
[72] WANG, JIN, US
[72] CHEN, JOHN S., US
[72] SAMMOUR, MOHAMMED, CA
[72] TERRY, STEPHEN E., US
[72] CHANDRA, ARTY, US
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[54] **FORMES DE DOSAGE ORALES INCLUANT UN INHIBITEUR DE L'AGREGATION PLAQUETTAIRE ET UN INHIBITEUR ACIDE**
[72] GOLDSMITH, MARK A., US
[72] VADAS, ELIZABETH, US
[73] KG ACQUISITION LLC, US
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[54] **IMPLANTS A SYSTEME DE DRAINAGE NASOLACRYMAL POUR THERAPIE MEDICAMENTEUSE**
[72] DE JUAN, EUGENE, JR., US
[72] BOYD, STEPHEN, US
[72] REICH, CARY, US
[72] RAPACKI, ALAN, US
[72] GIFFORD, HANSON S., US
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[73] MATI THERAPEUTICS INC., US
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[54] **BEVERAGE MACHINE AND PIERCING MEMBER FOR AN OPENING DEVICE OF A BEVERAGE MACHINE**
[54] **DISTRIBUTRICE A BOISSON ET ELEMENT DE PERCAGE POUR UN DISPOSITIF D'OUVERTURE D'UNE DISTRIBUTRICE A BOISSON**
[72] OZANNE, MATTHIEU, CH
[73] NESTEC S.A., CH
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[54] **PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VACCINE, BASED ON ISOLATE JA-142**
[54] **VACCIN CONTRE LE SYNDROME DYSGENESIQUE RESPIRATOIRE PORCIN BASE SUR L'ISOLAT JA-142**
[72] MENGELING, WILLIAM L., US
[72] VORWALD, ANN, US
[72] LAGER, KELLY, US
[72] ROOF, MIKE, US
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[72] GORCYCA, DAVID E., US
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[54] **MOUNTING OF A TURBOJET ENGINE ON AN AIRCRAFT**
[54] **FIXATION D'UN TURBOREACTEUR MULTIFLUX A UN AERONEF**
[72] BALK, WOUTER, FR
[73] SNECMA, FR
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[54] **FLOW SENSOR AND ACTUATOR**
[54] **CAPTEUR ET ACTIONNEUR DE DEBIT**
[72] MCHUGH, GEORGE J., US
[72] MCHUGH, GEORGE, IV, US
[72] MCHUGH, JAMES P., US
[73] AGF MANUFACTURING, INC., US
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[54] **LUBRICATING PUMP**
[54] **POMPE A HUILE**
[72] COLOMBO, DARIO, IT
[72] GASPARINI, GIUSEPPE, IT
[73] AGUSTA S.P.A., IT
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[54] **PYRROLOPYRIMIDINE COMPOUNDS AND THEIR USE AS PROTEIN KINASE INHIBITORS**
[54] **COMPOSES DE PYRROLOPYRIMIDINE ET LEURS UTILISATIONS COMME INHIBITEURS DE LA PROTEINE KINASE**
[72] BRAIN, CHRISTOPHER THOMAS, US
[72] THOMA, GEBHARD, DE
[72] SUNG, MOO JE, US
[73] NOVARTIS AG, CH
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[54] **COLD ROLLING METHOD FOR MANUFACTURING A PROFILE**
[54] **METHODE DE LAMINAGE A FROID POUR LA FABRICATION D'UN PROFILE**
[72] HERMANN, FRITZ, DE
[72] GEBHARD, JUERGEN, CH
[72] WIEDNER, CHRISTOPH, AT
[72] KARLE, ERWIN, DE
[72] BERTRAM, FRANK, DE
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[54] **ENDOPROTHESE FLEXIBLE A ELUTION DE MEDICAMENT BIOABSORBABLE ET EXPANSIBLE PAR BALLONNET**
[72] BURGERMEISTER, ROBERT, US
[72] DAVE, VIPUL BHUPENDRA, US
[72] OVERAKER, DAVID, US
[72] CONTILIANO, JOSEPH H., US
[72] ZHANG, QIANG, US
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[54] **NON-CIRCULAR PIPE PROFILE**
[54] **PROFILE DE CONDUIT NON CIRCULAIRE**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
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[54] **TREATING OBESITY WITH MUSCARINIC RECEPTOR M1 ANTAGONISTS**
[54] **TRAITEMENT DE L'OBESITE A L'AIDE D'ANTAGONISTES DES RECEPTEURS MUSCARINIQUES M1**
[72] SEED, BRIAN, US
[72] MECHANIC, JORDAN, US
[73] THERACOS, INC., US
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[25] EN
[54] **NUMBERING DEVICE FOR TYPOGRAPHIC NUMBERING**
[54] **DISPOSITIF DE NUMEROTATION POUR LA NUMEROTATION TYPOGRAPHIQUE**
[72] WUERSCH, ALAIN, CH
[72] MERMINOD, ANTOINE, CH
[73] KBA-NOTASYS SA, CH
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[25] EN
[54] **OPTICAL DISTANCE MEASURING METHOD AND CORRESPONDING OPTICAL DISTANCE MEASUREMENT DEVICE**
[54] **PROCEDE OPTIQUE DE MESURE DE DISTANCE ET MESUREUR DE DISTANCE OPTIQUE CORRESPONDANT**
[72] SIERCKS, KNUT, CH
[73] LEICA GEOSYSTEMS AG, CH
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[73] METAVANTE CORPORATION, US
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[72] YANNI, MAMDOUH, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE ELECTROCHIMIQUE POUR MESURER SIMULTANEMENT LA CONCENTRATION DE CATIONS MULTIVALENTS**
[72] BOTTE, GERARDINE G., US
[72] JIN, XIN, US
[73] OHIO UNIVERSITY, US
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[54] **VECTEUR COSMIDE SERVANT A TRANSFORMER UN VEGETAL ET SON UTILISATION**
[72] TAKAKURA, YOSHIMITSU, JP
[72] KOMARI, TOSHIHIKO, JP
[72] ISHIDA, YUJI, JP
[72] KOMORI, TOSHIYUKI, JP
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[54] **SEPARATEUR HYBRIDE ELECTROSTATIQUE IMMERGE**
[72] TRISCORI, RONALD J., US
[72] MORETTI, ALBERT L., US
[72] SNYDER, ROBERT E., US
[72] TONN, DONALD P., US
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[54] **METHODE DE STABILISATION DU RADIUM DANS LES EFFLUENTS SOLIDES OU COMPORTANT DES MATIERES EN SUSPENSION**
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[73] AREVA NP, FR
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION INDIRECTE LIEE A UN TELEPHONE MOBILE**
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[54] **COMPOSITION ANTIDIABETIQUE APTE A STIMULER LA SECRETION D'INSULINE ET DESTINEE AU TRAITEMENT DU DIABETE DE TYPE 2 (DIABETE NON INSULINO-DEPENDANT)**
[72] ANDARY, CLAUDE, FR
[72] RIBES, GERARD, FR
[72] TOUSCH, DIDIER, FR
[72] AZAY-MILHAU, JACQUELINE, FR
[72] LAJOIX, ANNE-DOMINIQUE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **COMPLEXES POLYELECTROLYTE POUR APPLICATIONS DE PETROLE ET DE GAZ**
[72] BERKLAND, CORY, US
[72] CORDOVA, MARY, VE
[72] LIANG, JENN-TAI, US
[72] WILLHITE, G. PAUL, US
[73] UNIVERSITY OF KANSAS, US
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[54] **ENTIERCEMENT DE MESSAGE PERSONNALISE**
[72] PIETT, WILLIAM TODD, US
[72] SEVDINOGLOU, CONSTANTINOS NICKOLAOS, US
[72] SAITO, GHEN, US
[73] RAVE WIRELESS, INC., US
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[54] **DERIVES DE DIBENZOFURANE COMME INHIBITEURS DE PDE-4 ET PDE-10**
[72] GOPALAN, BALASUBRAMANIAN, IN
[72] RAVI, DHAMJEWAR, IN
[72] SHRIKANT, HAVALE, IN
[72] SREEDHARA, SWAMY KESHAVAPURA HOSAMANE, IN
[73] MYLAN LABORATORIES LIMITED, IN
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[73] MERIMONT US, US
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[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT DE LA VITESSE DOPPLER ACOUSTIQUE AVEC UN TRANSDUCTEUR A COMMANDE DE PHASE**
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[73] TELEDYNE RD INSTRUMENTS, INC., US
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[72] PRIMOT, JEROME, FR
[72] GUERINEAU, NICOLAS, FR
[72] HAIEDAR, RIAD, FR
[72] TOULON, BRUNO, FR
[72] VELGHE, SABRINA, FR
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[54] **LIANT RENOUVELABLE POUR MATERIAUX NON-TISSES**
[72] VAN HERWIJNEN, HENDRIKUS W. G., AT
[72] PISANOVA, ELENA, US
[72] STEFKE, BARBARA, AT
[73] ARCLIN USA, LLC, US
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[72] ENGRAM, MICHAEL J., US
[73] BIO-LAB, INC., US
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[54] **NOVEL TETRACYCLIC INHIBITORS OF CYSTEINE PROTEASES, THE PHARMACEUTICAL COMPOSITIONS THEREOF AND THEIR THERAPEUTIC APPLICATIONS**
[54] **TETRACYCLIC INHIBITORS OF CYSTEINE PROTEASES, THE PHARMACEUTICAL COMPOSITIONS THEREOF AND THEIR THERAPEUTIC APPLICATIONS**
[72] GUEDAT, PHILIPPE, FR
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[72] COLLAND, FREDERIC, FR
[72] DAVIET, LAURENT, FR
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[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE FIBRES MINERALES**
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[73] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **APPAREIL ET PROCEDE DE FILTRE A DIATOMEES**
[72] SWINDELL, ROBERT FRANK, US
[72] RICHIUSO, LEONARD, US
[72] COX, BRIAN EVERETT, US
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[54] **MATIERES A GONFLEMENT DANS L'EAU RETARDE ET LEUR PROCEDE D'UTILISATION**
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[72] JAMES, SIMON, FR
[72] SOKOLOV, SERGEY, RU
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[54] **APPAREIL ET PROCEDE D'AUGMENTATION DE LA GAMME DYNAMIQUE DANS DES IMAGES NUMERIQUES**
[72] BANTERLE, FRANCESCO, GB
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[72] GOSIEWSKA, ANNA, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[72] REZNIK, ALLA, CA
[72] ZHAO, WEI, US
[72] SEGUI, JENNIFER ANN, US
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[54] **HOUSSE AUTOREGLABLE POUR COUSSIN DE SIEGE**
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[73] FIRSTENERGY CORP., US
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[72] ADDY, JOHN L., GB
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[54] **CONJUGUES DE FOLATE ET COMPLEXES METAL-CHELATEUR CORRESPONDANTS DESTINES A ETRE UTILISES DANS L'IMAGERIE DIAGNOSTIQUE ET LA RADIOTHERAPIE**
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[72] SCHIBLI, ROGER, CH
[72] MUELLER, CRISTINA MAGDALENA, CH
[72] GROEHN, VIOLA, CH
[72] MICHEL, URS, CH
[72] SPARR, CHRISTOF, CH
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[73] MERCK & CIE, CH
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[54] **DISSOLUTION AND PROCESSING OF CELLULOSE**
[54] **DISSOLUTION ET TRAITEMENT DE LA CELLULOSE**
[72] KERSHAW, DAVID, GB
[72] ADAMS, SIMON, GB
[73] CONVATEC TECHNOLOGIES INC., US
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[54] **NOTIFICATION DE PREMIERE DIFFUSION D'UN PROGRAMME**
[72] CHICLES, CHRISTIAN THOMAS, US
[73] CISCO TECHNOLOGY, INC., US
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[54] **PROGRAMMATICALLY TRANSFERRING APPLICATIONS BETWEEN HANDSETS BASED ON LICENSE INFORMATION**
[54] **TRANSFERT PAR PROGRAMME D'APPLICATIONS ENTRE DES COMBINES EN SE BASANT SUR DES INFORMATIONS DE LICENCE**
[72] KUMAR, PREM J., US
[72] KWAN, SHU-LEUNG, US
[72] CAI, HAO, US
[72] HALKER, RAVI, US
[73] QUALCOMM INCORPORATED, US
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[54] **DISPOSITIF ET PROCEDE SISMIQUE DE MEMOIRE**
[72] MAISONS, CHRISTOPHE, FR
[73] MAGNITUDE SPAS, FR
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[54] **STABLE LACTIDE PARTICLES**
[54] **PARTICULES DE LACTIDE STABLES**
[72] DE VOS, SICCO, NL
[73] PURAC BIOCHEM BV, NL
[85] 2009-05-26
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[73] PURAC BIOCHEM BV, NL
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[54] **ARMOIRE D'EQUIPEMENTS POURVUE D'UN SYSTEME DE VENTILATION**
[72] HILL, DENNIS MASON, NZ
[73] RAYHILL LIMITED, NZ
[85] 2009-05-29
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[25] EN
[54] **ENCODING AND PLAYBACK OF AN OVERLAYED VIDEO STREAM WHEREBY THE LUMINANCE THRESHOLD FOR OVERLAYS IN CONTINUOUS SECTIONS IS FIXED**
[54] **CODAGE ET LECTURE DE FLUX VIDEO SUPERPOSE OU LE SEUIL DE LUMINANCE DES SUPERPOSITIONS EN SECTIONS CONTINUES EST FIXE**
[72] TOMA, TADAMASA, JP
[72] YAHATA, HIROSHI, JP
[72] IKEDA, WATARU, JP
[73] PANASONIC CORPORATION, JP
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[54] **METHOD AND APPARATUS FOR EXTRACTING INFORMATION FROM A DATABASE**
[54] **METHODE ET DISPOSITIF D'EXTRACTION D'INFORMATION D'UNE BASE DE DONNEES**
[72] WOLGE, HAKAN, SE
[73] QLIKTECH INTERNATIONAL AB, SE
[86] (2671650)
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[54] **METHODES DE TRAITEMENT DE L'ABUS D'ALCOOL, DE L'ACCOUTUMANCE ET DE LA DEPENDANCE**
[72] VAIDYA, ANIL, US
[73] JANSSEN PHARMACEUTICA N.V., BE
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[54] **SUPERCAPACITOR DESALINATION DEVICE AND METHOD OF MAKING**
[54] **DISPOSITIF DE DESSALEMENT PAR SUPERCONDENSATEUR ET SON PROCEDE DE FABRICATION**
[72] CAI, WEI, CN
[72] WEI, CHANG, US
[72] CAO, LEI, CN
[72] XIONG, RIHUA, CN
[72] LU, SU, CN
[72] DU, YU, CN
[72] DENG, ZHIGANG, CN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DIOXYDE DE TITANE MODIFIE AU POLY(SILOXANE)**
[72] KOSTELNIK, ROBERT J., US
[72] DRURY, CHRISTOPHER J., GB
[72] WHEDDON, CHARLES A., GB
[73] CRISTAL USA INC., US
[85] 2009-06-12
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[25] EN
[54] **ANTIBODIES AND METHODS FOR MAKING AND USING THEM**
[54] **ANTICORPS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] FREY, GERHARD, US
[72] KIMMEL, BRUCE E., US
[72] ANDERSON, ABRAHAM, US
[73] MMRGLOBAL, INC., US
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[72] KENNY, DANIEL JAMES, GB
[72] WILDGOOSE, JASON LEE, GB
[73] MICROMASS UK LIMITED, GB
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[54] **VALVE CARTRIDGE WITH IMPROVED FLOW RATE**
[54] **CARTOUCHE DE VANNE AVEC DEBIT AMELIORE**
[72] FRACKOWIAK, STEVE A., US
[72] KACIK, MARK S., US
[72] KORB, YAAKOV, US
[72] LOSCHELDER, TODD C., US
[72] TUCKER, W. RANDALL, US
[73] MOEN INCORPORATED, US
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[54] **VALVE CARTRIDGE INSENSITIVE TO INSTALLATION LOAD**
[54] **CARTOUCHE DE VALVE INSENSIBLE A UNE CHARGE D'INSTALLATION**
[72] LOSCHELDER, TODD C., US
[72] TUCKER, W. RANDALL, US
[73] MOEN INCORPORATED, US
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[54] **DEVICE AND METHOD FOR MEASURING THE FLOW SPEED AND DIRECTION OF A GASEOUS FLUID**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE VITESSE ET DE DIRECTION D'ECOULEMENT DE FLUIDE GAZEUX**
[72] BARRE, CYRIL, FR
[72] DOS-REIS, MICHEL, FR
[72] MAGNIN, HERVE, FR
[73] AIRBUS OPERATIONS SAS, FR
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[54] **PYRAZOLO PYRIDINE DERIVATIVES AS NADPH OXIDASE INHIBITORS**
[54] **DERIVES PYRAZOLO PYRIDINES EN TANT QU'INHIBITEURS DE LA NADPH OXYDASE**
[72] PAGE, PATRICK, FR
[72] ORCHARD, MIKE, GB
[72] FIORASO-CARTIER, LAETITIA, FR
[72] MOTTIRONI, BIANCA, CH
[73] GENKYOTEX SA, CH
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[54] **DEVICE FOR GENERATING COLD PLASMA IN A VACUUM CHAMBER AND USE OF SAID DEVICE FOR THERMO-CHEMICAL PROCESSING**
[54] **DISPOSITIF POUR GENERER UN PLASMA FROID DANS UNE ENCEINTE SOUS VIDE ET UTILISATION DU DISPOSITIF POUR DES TRAITEMENTS THERMOCHIMIQUES**
[72] MAURIN-PERRIER, PHILIPPE, FR
[72] CHAVANNE, HERVE, FR
[72] POIGT, LAURE, FR
[73] H.E.F., FR
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[54] **NEW INDOLE DERIVATIVE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME**
[54] **NOUVEAUX COMPOSES DERIVES D'INDOLE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] LEJEUNE, FABRICE, FR
[72] TAZI, JAMAL, FR
[72] GRIERSON, DAVID, CA
[72] RIVALLE, CHRISTIAN, FR
[72] MAHUTEAU-BETZER, FLORENCE, FR
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[54] **METHOD AND APPARATUS FOR MAKING A PAINT ROLLER AND PRODUCT PRODUCED THEREBY**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN ROULEAU A PEINDRE ET PRODUIT PRODUIT PAR CEUX-CI**
[72] HAZANTONIS, ANTHONY, US
[72] DEANGELIS, JOSEPH, US
[73] LINZER PRODUCTS CORP., US
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[25] EN
[54] **DEVICE FOR PREPARING A LIQUID BEVERAGE FROM A CARTRIDGE**
[54] **DISPOSITIF POUR PREPARER UNE BOISSON LIQUIDE A PARTIR D'UNE CARTOUCHE**
[72] DENISART, JEAN-LUC, CH
[72] MEIER, ALAIN, CH
[72] BONACCI, ENZO, CH
[72] PLEISCH, HANSPETER, CH
[72] TALON, CHRISTIAN, CH
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[54] **SYSTEM AND METHOD FOR BALANCING INFORMATION LOADS**
[54] **SYSTEME ET PROCEDE POUR EQUILIBRER DES CHARGES D'INFORMATIONS**
[72] DANIEL, JEROME, FR
[72] DEGUET, CYRIL, FR
[73] AMADEUS S.A.S., FR
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[54] **CELL EXPANSION SYSTEM AND METHODS OF USE**
[54] **SYSTEME D'EXPANSION CELLULAIRE ET PROCEDES D'UTILISATION**
[72] ANTWILER, GLEN DELBERT, US
[73] TERUMO BCT, INC., US
[85] 2009-09-03
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[54] **A-AMYLASE DE TRICHODERMA REESEI EST UNE ENZYME MALTOGENIQUE**
[72] DUAN, GANG, US
[72] QIAN, KATHY, US
[72] SCHEFFERS, MARTIJN, US
[72] SHETTY, JAYARAMA, US
[72] VAN SOLINGEN, PIETER, US
[73] DANISCO US INC., US
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[54] **SIMULATED LOG SIDING**
[54] **IMITATION DE BARDAGE EN RONDIN**
[72] HANSEN, STEWART K., US
[72] WHITSON, ROBERT L., US
[73] CONCRETE LOG SYSTEMS INC., US
[85] 2009-09-15
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[25] EN
[54] **METHOD AND APPARATUS FOR CHECKING THE CORRECT COUPLING OF AN ADDING DEVICE TO A THERAPEUTIC APPLIANCE**
[54] **PROCEDE ET DISPOSITIF POUR VERIFIER LE COUPLAGE CORRECT D'UN DISPOSITIF D'ALIMENTATION A UN APPAREIL THERAPEUTIQUE**
[72] NUERNBERGER, THOMAS, DE
[72] BLASEK, MARCO, DE
[72] KLOEFFEL, PETER, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[25] EN
[54] **FLAVONOID-3',5'-HYDROXYLASE GENE OF COMMELINA COMMUNIS**
[54] **GENE DE LA FLAVONOIDE 3',5'-HYDROXYLASE DE LA COMMELINE COMMUNE**
[72] YUKI, SHUNJI, JP
[72] ARAKI, SATOSHI, JP
[72] SUZUKI, TAKANORI, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[25] EN
[54] **CONVEYOR BELTS HAVING ROLLERS THAT DISPLACE OBJECTS**
[54] **BANDE TRANSPORTEUSE COMPRENANT DES ROULEAUX QUI DEPLACENT DES OBJETS**
[72] FOURNEY, MATTHEW L., US
[73] LAITRAM, L.L.C., US
[85] 2009-09-21
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[87] (WO2008/127805)
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[25] EN
[54] **METHOD AND SYSTEM FOR SUPPLEMENTAL CHANNEL REQUEST MESSAGES IN A WIRELESS NETWORK**
[54] **METHODE ET SYSTEME D'AUGMENTATION DE LA CAPACITE DE TRAITEMENT DE MESSAGES DANS UN RESEAU SANS FIL**
[72] GUPTA, RAKESH, CA
[72] HOSSAIN, ASIF, CA
[73] BLACKBERRY LIMITED, CA
[86] (2681988)
[87] (2681988)
[22] 2009-10-08
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[54] **MANGEOIRE A OISEAUX REGLABLE A L'EPREUVE DES ECUREUILS**
[72] COTE, PAUL, CA
[73] PLC PATENTS AND TRADE MARKS INC., CA
[86] (2682022)
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[25] EN
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[54] **DERIVES DE GLYCOSIDE BENZYLIQUE ET PROCEDES D'UTILISATION**
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[54] **TOLE D'ACIER GALVANISE A HAUTE RESISTANCE A LA TRACTION ET PROCEDE DE FABRICATION DE TOLE D'ACIER GALVANISE A HAUTE RESISTANCE A LA TRACTION**
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[72] HASEGAWA, KOHEI, JP
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[72] BELINDA, RICHARD L., US
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[54] **PROCEDE DE PREPARATION D'UN LIQUIDE ALIMENTAIRE CONTENU DANS UNE CAPSULE PAR CENTRIFUGATION ET DISPOSITIF ADAPTE POUR UN TEL PROCEDE**
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[54] **PROCEDE DE MARQUAGE DE MATERIAUX A BASE DE MATRICES ORGANIQUES POLYMERIQUES THERMOPLASTIQUES OU THERMODURCISSABLES**
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[54] **PROCEDE POUR COMMANDER LES PRESSIONS DE PRODUCTION ET DE FOND DE TROU D'UN PUITS AVEC DE MULTIPLES ZONES ET/OU RAMIFICATIONS SOUS LA SURFACE**
[72] BRIERS, JAN JOZEF MARIA, NL
[72] GOH, KEAT-CHOON, NL
[72] LAUWERYS, CHRISTOPHE, BE
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[54] **AGENTS BLOQUANT LES CANAUX CALCIQUES A BASE DE PHENYLALKYLAMINE A BREVE DUREE D'ACTION ET LEURS UTILISATIONS**
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[54] **APPAREIL PERMETTANT DE DETERMINER LE PROFIL D'EPAISSEUR D'UN MATERIAU ROULE PLAT**
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[54] **DISPOSITIF DE CHAUFFAGE EQUIPE D'UN THERMOBLOCK INTEGRE POUR UNE MACHINE DE PREPARATION DE BOISSON**
[72] ETTER, STEFAN, CH
[72] GAUDENZ, URS, CH
[72] GAVILLET, GILLES, CH
[72] HODEL, THOMAS, CH
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[54] **PROCEDE ET APPAREIL DE PROTECTION CONTRE LA FOUDRE D'UNE STRUCTURE COMPOSITE**
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[54] **COMPOSITE POLYMERE STRATIFIE POUR DOCUMENT DE SECURITE ET/OU DE VALEUR ET SON PROCEDE DE FABRICATION**
[72] MUTH, OLIVER, DE
[72] PAESCHKE, MANFRED, DE
[72] MATHEA, ARTHUR, DE
[72] LEOPOLD, ANDRE, DE
[72] FISCHER, JOERG, DE
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[54] **METHODE ET SYSTEME DE MESURE DE LA DEVIATION D'UNE EOLIENNE PAR RAPPORT A SA POSITION NORMALE**
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[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE ET D'HYDROGENE A PARTIR D'HYDROCARBURES LIQUIDES OU GAZEUX**
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[54] **ALLOCATION DE RESSOURCE POUR LIAISON MONTANTE AMELIOREE UTILISANT UN CANAL DE COMMANDE PARTAGE**
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[54] **PROCEDE VISANT A L'EXTRACTION DU SEL D'AMMONIUM ET DU METHANOL DANS UN LIQUIDE OBTENU A PARTIR DES CONDENSATS VICIES DANS UNE USINE DE PATE DE CELLULOSE**
[72] BRUECHER, JOERG, SE
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[73] PROCESSUM BIOREFINERY INITIATIVE AB, SE
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[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE PARTICULES**
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[54] **COMPOSITIONS DE LAIT HUMAIN ET PROCEDES DESTINES A FABRIQUER ET UTILISER CES COMPOSITIONS**
[72] MEDO, ELENA M., US
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[54] **METHOD AND DEVICE FOR MAKING BOXES FROM A SET OF BLANKS**
[54] **PROCEDE ET DISPOSITIF POUR LA REALISATION DE BOITES A PARTIR D'UN ENSEMBLE DE DECOUPES**
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[54] **DISPOSITIF ET METHODE PERMETTANT UNE LOCALISATION ET UN MARQUAGE SURS D'UNE CAVITE ET DE GANGLIONS DE TROISIER**
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[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ETENDRE LA PLAGE DE COMMUTATION SOUS TENSION NULLE DANS UN CONVERTISSEUR CC-CC**
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[54] **NOUVEAUX ALCOOLS DIAMINES, LEUR PRODUCTION ET LEUR UTILISATION POUR DES APPLICATIONS DE REVETEMENT**
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[72] TOMLINSON, IAN, US
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[54] **PROCESS FOR THE STEREOSELECTIVE ENZYMATIC HYDROLYSIS OF 5-METHYL-3-NITROMETHYL-HEXANOIC ACID ESTER**
[54] **PROCEDE POUR L'HYDROLYSE ENZYMATIQUE STEREOSELECTIVE D'UN ESTER D'ACIDE 5-METHYL-3-NITROMETHYL-HEXANOIQUE**
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[72] BERGER, ANDREAS, AT
[72] RIETHORST, WAANDER, AT
[72] SCHWAB, HELMUT, AT
[72] LUSCHNIG, DANIEL, AT
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[54] **PROCEDE DE PREPARATION DE FLAVONOIDES COUPLES EN C-4, DE PROANTHOCYANIDINES ET D'ANALOGUES CORRESPONDANTS**
[72] VAN DER WESTHUIZEN, JAN HENDRIK, ZA
[72] ACHILONU, MATHEW, ZA
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[54] **CARTOUCHES A PLOMBS AYANT DES PROJECTILES COLORES ET PROCEDE D'UTILISATION DE CELLES-CI**
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[54] **PROCEDE PERMETTANT D'EVALUER LA REPONSE D'UNE TUMEUR A UNE THERAPIE**
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[72] CROCKER, IAN, US
[72] PANTALONE, PAUL, US
[72] SCHREIBMANN, EDUARD, US
[73] EMORY UNIVERSITY, US
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[54] **MOTEUR LUMIERE AVEC TRANSFERT DE CHALEUR AMELIORE UTILISANT DES BANDES ALLONGEES INDEPENDANTES**
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[73] RELUME TECHNOLOGIES, INC., US
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[54] **ROUTAGE DE REQUETE A L'AIDE DE COMPOSANTS INFORMATIQUES DE RESEAU**
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] RICHARDSON, DAVID R., US
[72] SCOFIELD, CHRISTOPHER L., US
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[54] **COMPLEXE TEXTILE, PANNEAU COMMUNIQUANT ET PROCEDE D'AFFICHAGE DU COMPLEXE TEXTILE**
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[54] **COMPOSITION D'ENCRE, COMPOSITION D'ENCRE POUR L'IMPRESSION PAR JET D'ENCRE, JEU D'ENCRES, CARTOUCHE D'ENCRE, PROCEDE D'IMPRESSION PAR JET D'ENCRE ET SUPPORT IMPRIME**
[72] TANAKA, SHIGEAKI, JP
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[72] OZAWA, TAKASHI, JP
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[72] GURPINAR, OMER M., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **A CONTAINER WITH A FRANGIBLE SEALED ACCESS AND A VAPOUR PERMEABLE VENT**
[54] **CONTENANT POSSEDANT UN ACCES SCELLE CASSABLE ET UN EVENT PERMEABLE A LA VAPEUR**
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[72] HILL, STEPHEN, AU
[73] SABAN VENTURES PTY LIMITED, AU
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[54] **PROCEDES ET APPAREIL PERMETTANT D'EVALUER LA QUALITE D'UNE OPERATION DE SERVICE TECHNIQUE SUR LE TERRAIN**
[72] NIELSEN, STEVEN E., US
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[72] FARR, JEFFREY, US
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[54] **METHOD FOR FORMING A SECTOR FOR A NACELLE LIP SKIN**
[54] **PROCEDE DE FORMATION D'UN SECTEUR POUR UN REVETEMENT DE BORD DE NACELLE**
[72] LEACOCK, ALAN, GB
[72] LUDLOW, MICHAEL, GB
[72] BROWN, DESMOND, GB
[72] MCMURRAY, ROBERT JOSEPH, GB
[73] UNIVERSITY OF ULSTER, GB
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[54] **DISPOSITIF ET SYSTEME POUR MANOEUVRER DES APPAREILS DE NETTOYAGE**
[72] SIVERTSEN, TROND, NO
[73] MPI TROND SIVERTSEN, NO
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[72] GAUVIN, FREDERIC, CA
[72] MORIN, MARTIN, CA
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[72] LANDRY, MICHAEEL, CA
[72] PALMER, DAMON M., US
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[73] CHEVRON U.S.A. INC., US
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[54] **METHOD AND SYSTEM FOR PHASE INVERSION USING A STATIC MIXER/COALESCER**
[54] **PROCEDE ET SYSTEME POUR L'INVERSION DE PHASES A L'AIDE D'UN MELANGEUR STATIQUE/COALESCEUR**
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[72] GEEHAN, THOMAS, US
[72] VICENTINI, LEONARDO RENZO, IT
[72] WALRAVEN, ALBERT, AE
[73] M-I LLC, US
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[54] **POROUS MEMBRANE, PROCESS FOR PRODUCING POROUS MEMBRANE, PROCESS FOR PRODUCING CLARIFIED LIQUID, AND POROUS-MEMBRANE MODULE**
[54] **MEMBRANE POREUSE, PROCEDE DE PRODUCTION D'UNE MEMBRANE POREUSE, PROCEDE DE PRODUCTION D'UN LIQUIDE CLARIFIE, ET MODULE A MEMBRANE POREUSE**
[72] SHIKI SATOSHI, JP
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[54] **MOTEUR A AIMANTS PERMANENTS INTERIEURS COMPRENANT UN ROTOR AVEC DES POLES INEGAUX**
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[54] **TETE DESCENDANTE DE POMPE ET POMPE A REFOULEMENT DU TYPE A TETE DESCENDANTE**
[72] KAKUTA, YOSHIYUKI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **REVETEMENT DE FIBRE OPTIQUE PREVENANT L'ADHESION AUX TEMPERATURES ELEVEES**
[72] DOWD, EDWARD M., US
[72] GRUNBECK, JOHN J., US
[72] TAVERNER, DOMINO, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[72] ISOMURSU, PEKKA, FI
[72] ISOMURSU, MINNA, FI
[73] NOKIA TECHNOLOGIES OY, FI
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[54] **PEPTIDES ET COMPOSITIONS DESTINES A PREVENIR L'ADHERENCE CELLULAIRE ET PROCEDES D'UTILISATION DE CEUX-CI**
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[72] KESTENBOIM, HEN, IL
[73] TEL HASHOMER MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL
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[54] **DISPOSITIF DE DISTRIBUTION DE PRODUITS PATEUX**
[72] VOGT, SEBASTIAN, DE
[72] BUECHNER, HUBERT, DE
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[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE HAVING TOUCH ACTIVATED NEAR FIELD COMMUNICATIONS (NFC) CIRCUIT**
[54] **DISPOSITIF DE COMMUNICATIONS SANS FIL MOBILE DOTE D'UN CIRCUIT DE COMMUNICATION EN CHAMP PROCHE (NFC) ACTIVE AU TOUCHER**
[72] MOOSAVI, VAHID, CA
[73] BLACKBERRY LIMITED, CA
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[54] **LOW LEAKAGE AND DATA RETENTION CIRCUITRY**
[54] **CIRCUITS A FAIBLES FUITES DE CONSERVATION DE DONNEES**
[72] HOBERMAN, BARRY A., US
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[72] WALKER, WILLIAM G., US
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[72] ZAMPAGLIONE, MICHAEL A., US
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[25] EN
[54] **MARKING DEVICE DOCKING STATIONS AND METHODS OF USING SAME**
[54] **STATIONS D'ACCUEIL POUR DISPOSITIFS DE MARQUAGE ET LEURS PROCEDES D'UTILISATION**
[72] NIELSEN, STEVEN E., US
[72] CHAMBERS, CURTIS, US
[72] FARR, JEFFREY, US
[73] CERTUSVIEW TECHNOLOGIES, LLC, US
[85] 2011-03-30
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[25] EN
[54] **DEBLOCKING METHOD, APPARATUS AND COMPUTER-READABLE MEDIUM USING ADAPTIVE FILTERING CORRESPONDING TO THE DIRECTIONALITY OF DETECTED EDGES**
[54] **PROCEDE DE DEBLOCAGE, DISPOSITIF DE DEBLOCAGE, PROGRAMME DE DEBLOCAGE, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR CONTENANT LE PROGRAMME**
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[72] BUTRUILLE, DAVID VINCENT, US
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[54] **PROCEDE DE FABRICATION D'UN AMENAGEMENT DE DEVERSOIR A EXTREMITE D'EVACUATION D'UNE CUVE DE DECANTATION A EXTRACTION LIQUIDE-LIQUIDE ET LEDIT AMENAGEMENT DE DEVERSOIR**
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[54] **PROCEDES ET APPAREIL PERMETTANT LA GENERATION ET L'UTILISATION DE SIGNAUX DE REFERENCE DANS UN SYSTEME DE COMMUNICATION**
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[72] GOROKHOV, ALEXEI, US
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[72] NISSOV, MORTEN, US
[72] PILIPETSKII, ALEXEI N., US
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS, LLC, US
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[54] **PROCESSEUR DE FILTRAGE DE SIGNAL NUMERIQUE RECONFIGURABLE**
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[72] KRAVETS, OLEKSIY, CA
[73] BLACKBERRY LIMITED, CA
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[72] FLINDERS, MARC, US
[73] CERAMATEC, INC., US
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[54] **DISPOSITIFS A SEMI-CONDUCTEURS SUR SUBSTRATS REVETUS D'UNE BARRIERE DE DIFFUSION ET LEURS PROCEDES DE FABRICATION**
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[72] KOCSIS, MICHAEL, US
[72] MCCARTHY, KEVIN, US
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[73] EASYPAK LLC, US
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[54] **PROCEDE DE SELECTION D'ESPECES D'ORGE SUR LA BASE DE LA TENEUR EN PROTEINE Z7 ET BOISSON A BASE DE MALT FERMENTE**
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[54] **COMPOSITION SOUS FORME DE POUDRE OU DE GRANULES COMPRENANT UN COPOLYMERE, UN SEL D'UN ACIDE GRAS MONOCARBOXYLIQUE ET UN ACIDE GRAS MONOCARBOXYLIQUE ET/OU UN ALCOOL GRAS**
[72] ROTH, ERNA, DE
[72] ALEXOWSKY, RUEDIGER, DE
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[54] **DISPOSITIF D'AFFICHAGE D'INFORMATIONS, PROCEDE D'AFFICHAGE D'INFORMATIONS, PROGRAMME D'AFFICHAGE D'INFORMATIONS, SUPPORT D'ENREGISTREMENT ET SYSTEME D'AFFICHAGE D'INFORMATIONS**
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[73] DIAGONAL, INC., JP
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[54] **CODAGE ET DECODAGE D'IMAGES STEREOSCOPIQUES AVEC COUCHE DE BASE ET COUCHE AMELIOREE**
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[54] **COMPOSITIONS ET PROCEDES DE FORMATION ET DE REMODELAGE OSSEUX**
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[54] **ENSEMBLE DE PRECIPITATEUR ELECTROSTATIQUE HUMIDE**
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[72] ALLAN, ROBERT A., CA
[73] MEGTEC TURBOSONIC INC., CA
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[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[72] KOLDING, TROELS EMIL, DK
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[54] **PROCEDE ET SYSTEME D'ACTIVATION ET DE DESACTIVATION SELECTIVES DE STATION A BASE DE CANAL EVOLUTIF DANS DES ESPACES VIDES DE BANDE DE TELEVISION**
[72] NGO, CHIU YEUNG, US
[72] SINGH, HARKIRAT, US
[72] HSU, JU-LAN, US
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[73] THE BOEING COMPANY, US
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[54] **PROCEDE ET SYSTEME DE REPOSITIONNEMENT PROGRESSIF DES DENTS**
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[54] **BOISSONS TRES ACIDES ET PROCEDES D'ALLONGEMENT DE LEUR STABILITE PROBIOTIQUE**
[72] RIVERA, TEODORO, US
[72] OESTERLING, JESSICA, US
[72] LEE, YIH JENNIFER, US
[73] TROPICANA PRODUCTS, INC., US
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[54] **PROCEDE ET DISPOSITIF POUR EXECUTER UNE DEMANDE DE REPETITION AUTOMATIQUE HYBRIDE (HARQ) DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] HAN, SEUNG HEE, KR
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[73] LG ELECTRONICS INC., KR
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[54] **ENSEMBLE COMPENSATEUR POUR SYSTEME DE POMPE SUBMERSIBLE**
[72] ALBERS, THOMAS, DE
[72] TANK-LANGENAU, AXEL HELMUT, DE
[72] SCHLENHOFF, BEHREND GOSWIN, DE
[73] FLOWSERVE MANAGEMENT COMPANY, US
[85] 2012-05-18
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[54] **APPARATUS WITH SWITCH GENERATING SMS MESSAGE**
[54] **APPAREIL AVEC COMMUTATEUR GENERANT UN MESSAGE SMS**
[72] FAULKNER, RICHARD, GB
[73] FAULKNER, RICHARD, GB
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFORMING THREE-DIMENSIONAL MAP OBJECTS TO PRESENT NAVIGATION INFORMATION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSFORMER DES OBJETS DE CARTE TRIDIMENSIONNELS EN INFORMATIONS DE NAVIGATION PRESENTES**
[72] ARRASVUORI, JUHA, FI
[73] NOKIA TECHNOLOGIES OY, FI
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[25] EN
[54] **METHOD, APPARATUS AND MATERIAL MIXTURE FOR DIRECT DIGITAL MANUFACTURING OF FIBER REINFORCED PARTS**
[54] **METHODE, APPAREIL ET MELANGE DE MATERIAUX POUR LA FABRICATION NUMERIQUE DIRECTE DE PIECES RENFORCEES DE FIBRES**
[72] JOHNSTON, SCOTT R., US
[72] VANCE, JONATHAN B., US
[72] FONDA, JAMES W., US
[72] LYONS, BRETT I., US
[73] THE BOEING COMPANY, US
[86] (2782430)
[87] (2782430)
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[25] EN
[54] **AUXILIARY POWER UNIT**
[54] **BLOC D'ALIMENTATION AUXILIAIRE**
[72] KAMEN, DEAN L., US
[72] LANGENFELD, CHRISTOPHER C., US
[72] NORRIS, MICHAEL, US
[72] SACHS, JASON MICHAEL, US
[73] NEW POWER CONCEPTS LLC, US
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[25] EN
[54] **COMMUNICATION SYSTEM UTILIZING NEAR FIELD COMMUNICATION (NFC) TO PROVIDE ENHANCED TELECONFERENCE FEATURES AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION UTILISANT LA COMMUNICATION EN CHAMP PROCHE POUR L'AMELIORATION DES TELECONFERENCES ET METHODES CONNEXES**
[72] ROSE, SCOTT DOUGLAS, CA
[72] GRIFFIN, JASON TYLER, CA
[72] LAZARIDIS, MIHAL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2783062)
[87] (2783062)
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[54] **METHODS AND APPARATUS TO OBTAIN VOICE MESSAGES**
[54] **METHODE ET APPAREIL POUR OBTENIR DES MESSAGES VOCAUX**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[73] BLACKBERRY LIMITED, CA
[86] (2783091)
[87] (2783091)
[22] 2012-07-12
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[25] EN
[54] **LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES**
[54] **RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES**
[72] GOLBERG, DAVID, US
[72] SIMON, NEIL R., US
[72] GOLDBERG, MARTHA B., US
[72] GOLDBERG, MIRIAM D., US
[72] GOLDBERG, BENJAMIN M., US
[73] BLACK HILLS MEDIA LLC, US
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[25] EN
[54] **INERT GAS DISTRIBUTION SYSTEM FOR A FUEL TANK**
[54] **SYSTEME DE DISTRIBUTION DE GAZ INERTE POUR RESERVOIR DE CARBURANT**
[72] KRUG, DAVID SCOTT, US
[73] THE BOEING COMPANY, US
[86] (2783919)
[87] (2783919)
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[25] EN
[54] **ELECTRICAL POWER PROFILE SIMULATOR**
[54] **SIMULATEUR DE PROFIL D'ALIMENTATION ELECTRIQUE**
[72] SCHULTZ, DONALD W., US
[72] FERRER, ALBERTO, US
[72] KEEGAN, JOSEPH M., US
[73] THE BOEING COMPANY, US
[86] (2785372)
[87] (2785372)
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[54] **BATTERY ADAPTIVE LEARNING MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'APPRENTISSAGE ADAPTATIF POUR BATTERIE**
[72] FRISCH, ISRAEL, US
[72] LAPINS, INGRID, US
[73] THE BOEING COMPANY, US
[86] (2786067)
[87] (2786067)
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[54] **PUMP**
[54] **POMPE**
[72] KUWAHARA, KATSUHITO, JP
[72] NAKAMURA, HIROYUKI, JP
[72] TOMA, TORU, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2012-06-29
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[25] EN
[54] **METHOD AND APPARATUS FOR ALLOCATING RESOURCES IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION DE RESSOURCES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KIM, HAK SEONG, KR
[72] SEO, HAN BYUL, KR
[72] KIM, KI JUN, KR
[72] SEO, DONG YOUN, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-07-23
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[25] EN
[54] **MOBILE DEVICE HAVING RECONFIGURABLE ANTENNA AND ASSOCIATED METHODS**
[54] **DISPOSITIF MOBILE AYANT UNE ANTENNE RECONFIGURABLE ET METHODES ASSOCIEES**
[72] AYATOLLAHI, MINA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2788823)
[87] (2788823)
[22] 2012-09-05
[30] EP (11180638.6) 2011-09-08

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[51] **Int.Cl. C08L 83/12 (2006.01) C08G 77/46 (2006.01) C09D 183/12 (2006.01)**
[25] EN
[54] **SILICONE CONTAINING COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT DU SILICONE ET UTILISATIONS CONNEXES**
[72] LAI, KUO-TSAI GRIFFIN, US
[72] LOUIS, CHRISTINE ANNE SUZANNE, NL
[72] RAJARAMAN, SURESH KALPATU, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2788830)
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[54] **A REAGENT KIT WITH IN-TRANSIT SECURING MEANS**
[54] **TROUSSE DE REACTIF COMPORTANT DES MOYENS DE FIXATION EN TRANSIT**
[72] DRESCHER, BERND, DE
[72] JAEHDE, FRANK-RAINER, DE
[72] MUELLER, HANS-JUERGEN, DE
[72] SENFTNER, GOTTFRIED, DE
[72] OSWALD, KLAUS, DE
[72] ARRAS, GEORG, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-08-13
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[25] EN
[54] **METHOD FOR DETERMINING DEVIATIONS BETWEEN COORDINATE SYSTEMS OF VARIOUS TECHNICAL SYSTEMS**
[54] **PROCEDE DE DETERMINATION D'ECARTS ENTRE DES SYSTEMES DE COORDONNEES DE DIFFERENTS SYSTEMES TECHNIQUES**
[72] ABRAHAM, MARIO, DE
[72] MATSCHNIGG, JOACHIM, DE
[72] AGETHEN, JOHANNES, DE
[72] KLAFKE, MARIO, DE
[73] WAVELIGHT GMBH, DE
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[54] **QUADRATURE IMBALANCE MITIGATION USING UNBIASED TRAINING SEQUENCES**
[54] **ATTENUATION D'UN DESEQUILIBRE EN QUADRATURE A L'AIDE DE SEQUENCES D'APPRENTISSAGE SANS BIAIS**
[72] CHRABIEH, RABIH, US
[73] QUALCOMM INCORPORATED, US
[86] (2790073)
[87] (2790073)
[22] 2008-03-07
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[54] **GAS DISPERSION APPARATUS FOR IMPROVED GAS-LIQUID MASS TRANSFER**
[54] **APPAREIL DE DISPERSION DE GAZ POUR AMELIORER LE TRANFERT GAZ-MASSE LIQUIDE**
[72] DHOLAKIA, VIPUL P., US
[72] WEIST, ANNEMARIE OTT, US
[72] MITCHELL, DAVID LEE, JR., US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2790236)
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[25] EN
[54] **DETERMINING AND CONVEYING CONTEXTUAL INFORMATION FOR REAL TIME TEXT**
[54] **DETERMINER ET ACHEMINER DE L'INFORMATION CONTEXTUELLE POUR DU TEXTE EN TEMPS REEL**
[72] GAMMON, SCOTT PETER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2790307)
[87] (2790307)
[22] 2012-09-19
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[51] **Int.Cl. A47C 31/02 (2006.01)**
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[54] **FURNITURE AND METHOD OF FURNITURE COMPONENT ATTACHMENT**
[54] **MEUBLES ET PROCEDE DE FIXATION D'UN ELEMENT DE MEUBLE**
[72] MASOUD, KHALID, US
[72] DESKEVICH, ADAM, US
[73] KNOLL, INC., US
[85] 2012-08-20
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[30] US (61/155,298) 2009-02-25
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[25] EN
[54] **SPEAKER MAGNET THERMAL MANAGEMENT**
[54] **GESTION THERMIQUE DES AIMANTS DE HAUT-PARLEUR**
[72] WILK, CHRISTOPHER RAYMOND, US
[72] DAVE, RUCHIR M., US
[72] COHEN, SAWYER I., US
[73] APPLE INC., US
[86] (2790550)
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[54] **NANO-COATINGS FOR ARTICLES**
[54] **REVETEMENTS NANOMETRIQUES POUR ARTICLES**
[72] CHAKRABORTY, SOMA, US
[72] ZHU, JIANG, US
[72] AGRAWAL, GAURAV, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-08-24
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSCEIVING A MIMO PACKET IN A WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL POUR ENVOYER UN PAQUET MIMO DANS UN SYSTEME LAN SANS FIL**
[72] LEE, DAE WON, KR
[72] KANG, BYEONG WOO, KR
[72] NOH, YU JIN, KR
[72] SEOK, YONG HO, KR
[72] ROH, DONG WOOK, KR
[73] LG ELECTRONICS INC., KR
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[86] 2011-06-30 (PCT/KR2011/004819)
[87] (WO2012/002758)
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[25] EN
[54] **WIRE CONNECTION AND DISTRIBUTION CASING WITH CONNECTING PART, HOLLOW PIPE COLUMNS AND CONNECTED PART FOR COMMUNICATION CABLES**
[54] **BOITIER DE RACCORDEMENT ET DE DISTRIBUTION DE FILS DOTE D'UNE PARTIE DE RACCORDEMENT, COLONNES TUBULAIRES CREUSES ET PARTIE RACCORDEE POUR CABLES DE COMMUNICATION**
[72] HSING, CHIH-KUANG, CN
[73] CHI, YU-FEN, CN
[85] 2012-08-31
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[25] EN
[54] **MOBILE COMMUNICATIONS DEVICE PROVIDING NFC APPLET COMPATIBILITY FEATURES AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION MOBILE OFFRANT DES FONCTIONNALITES DE COMPATIBILITE D'UN APPLET NFC ET METHODES ASSOCIEES**
[72] GAGNE, MARIE ANITA BRIGITTE, CA
[72] SINGH, RAVI, CA
[72] MARCOVECCHIO, VINCENZO KAZIMIERZ, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2792672)
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[25] EN
[54] **MODULAR ARTICULATED ROBOT STRUCTURE**
[54] **STRUCTURE MODULAIRE DE ROBOT ARTICULE**
[72] KHAIRALLAH, CHARLES, CA
[73] KHAIRALLAH, CHARLES, CA
[86] (2794618)
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[22] 1998-04-01
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[25] EN
[54] **WATER-SOLUBLE POLYMERS FOR OIL RECOVERY**
[54] **POLYMERES HYDROSOLUBLES UTILISES POUR LA COLLECTE DES HYDROCARBURES**
[72] FAVERO, CEDRICK, FR
[72] GAILLARD, NICOLAS, FR
[72] MARRONI, DENNIS, FR
[73] S.P.C.M. S.A., FR
[85] 2012-07-12
[86] 2011-01-26 (PCT/EP2011/051091)
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[30] EP (10151720.9) 2010-01-26
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[25] EN
[54] **METHOD TO CONTROL MULTIPLE RADIO ACCESS BEARERS IN A WIRELESS DEVICE**
[54] **PROCEDE DE COMMANDE DE MULTIPLES SUPPORTS D'ACCES RADIO DANS UN DISPOSITIF SANS FIL**
[72] SANE, SACHIN J., US
[72] SHI, JIANXIONG, US
[73] APPLE INC., US
[85] 2012-09-28
[86] 2011-04-29 (PCT/US2011/034582)
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[51] **Int.Cl. E06B 1/70 (2006.01) E03C 1/12 (2006.01) E03C 1/22 (2006.01) E03F 1/00 (2006.01)**
[25] EN
[54] **FLOOR DRAINAGE SYSTEM FOR A BUILDING AND ASSEMBLY THEREFOR**
[54] **SYSTEME DE DRAINAGE DE SOL POUR UN BATIMENT ET ENSEMBLE EN RESULTANT**
[72] DELAQUIS, DANIEL N.J., CA
[73] DELAQUIS, DANIEL N.J., CA
[85] 2012-10-01
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[54] **CURRENCY FITNESS AND WEAR DETECTION USING TEMPERATURE MODULATED INFRARED DETECTION**
[54] **DETECTION DE CONDITION ET D'USURE DE DEVISE A L'AIDE DE DETECTION INFRAROUGE MODULEE EN TEMPERATURE**
[72] LAWANDY, NABIL M., US
[73] SPECTRA SYSTEMS CORPORATION, US
[85] 2012-10-03
[86] 2011-06-02 (PCT/US2011/038920)
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[25] EN
[54] **TORQUE COMPENSATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMPENSATION DE COUPLE**
[72] NAGASHIMA, DAN, US
[72] MIZUNO, TAKAHIDE, US
[72] TOYOSHIMA, HIROKAZU, US
[72] O'DONNELL, LEE, US
[72] TONOKURA, NAOMICHI, US
[72] MUTO, AKIO, US
[72] ISHIKAWA, YUTAKA, US
[73] HONDA MOTOR CO., LTD., JP
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[51] **Int.Cl. G06K 9/00 (2006.01)**
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[54] **FINGER SENSOR INCLUDING CAPACITIVE LENS AND ASSOCIATED METHODS**
[54] **CAPTEUR DE DOIGT COMPRENANT UNE LENTILLE CAPACITIVE ET PROCEDES ASSOCIES**
[72] GOZZINI, GIOVANNI, US
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[54] **DISPOSITIF D'IDENTIFICATION D'INFORMATIONS D'EVALUATION, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR**
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[73] RAKUTEN, INC., JP
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[54] **SYSTEME DE JOINT DE DILATATION UTILISANT UNE LIAISON DE COUPLE FLEXIBLE ET DES RESSORTS A FRICTION**
[72] BRADFORD, PAUL, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **ARTICLE COMPOSE D'UN ELASTOMERE AUTO-ADHESIF TOTALEMENT DURCI**
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[72] FENG, YUDING, US
[73] GATES CORPORATION, US
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[54] **SYSTEME DE LOCALISATION PAR LAMPE DE RECHERCHE**
[72] JUNGWIRTH, DOUGLAS R., US
[72] CAMPBELL, GREGORY A., US
[72] QUEZADA, EMILIO, US
[72] MOSS, ROBERT D., US
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[54] **ADN POLYMERASES PRESENTANT UNE DISCRIMINATION ACCRUE DES MESAPPARIEMENTS A L'EXTREMITE 3'**
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[54] **DISPOSITIF REMPLI DE LIQUIDE POUR LE REGLAGE DE LA TEMPERATURE DANS UN APPAREIL DE CHAUFFAGE**
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[54] **SYSTEME DE TRADUCTION AUTOMATIQUE ET PROCEDE DE TRADUCTION AUTOMATIQUE**
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[54] **CAPTEUR DE PRESSION DIFFERENTIELLE AVEC MESURE DE PRESSION DE LIGNE**
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[72] KLOSINSKI, ANDREW J., US
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[54] **LIQUID LEVEL MONITORING AND REPORTING SYSTEM**
[54] **SYSTEME DE CONTROLE DE NIVEAU DE LIQUIDE ET D'ELABORATION DE RAPPORT**
[72] BONNER, BRETT COLIN, US
[73] HAMILTON SUNDSTRAND CORPORATION, US
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[54] **MODULE A REPETEUR DE SEQUENCES EN COUCHES POUR FILIERE DE COEXTRUSION SUR DISQUE MODULAIRE ET PRODUITS QUI EN DECOULENT**
[72] SCHIRMER, HENRY G., US
[73] BBS CORPORATION, US
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[54] **REACTIF DE DETECTION POUR ESSAI COMPRENANT DES POLYMERES CELLULOSIQUES**
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[72] SPRADLIN, HOPE G., US
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[54] **DESULFURISATION DE PETROLE BRUT**
[72] HASSAN, ABBAS, US
[72] HASSAN, AZIZ, US
[72] BORSINGER, GREGORY, US
[72] ANTHONY, RAYFORD G., US
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[54] **SYSTEME DE JOINT DE DILATATION POUR DES STRUCTURES A L'AIR LIBRE**
[72] WIERZBOWSKI, CHRIS, US
[72] MOORE, GARY, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **WATER-PROCESSABLE SILICONE-CONTAINING PREPOLYMERS AND USES THEREOF**
[54] **PREPOLYMERES A TENEUR EN SILICONE POUVANT ETRE TRAITES PAR L'EAU ET LEURS UTILISATIONS**
[72] HUANG, JINYU, US
[72] CHANG, FRANK, US
[72] SCOTT, ROBERT, US
[72] MEDINA, ARTURO NORBERTO, US
[72] SHANKERNARAYANAN, MANIVAKKAM J., US
[72] KUYU, SELMA, US
[72] SMITH, DAWN ALISON, NZ
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[54] **SYSTEMS AND METHODS OF PROVIDING COMMUNICATIONS SERVICES**
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[72] CANNON, EUGENE PETER, US
[72] MA, KA-YUI KEVIN, US
[72] ERICKSON, JOHN R., US
[73] VONAGE NETWORK LLC, US
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[54] **SYSTEME D'ALIMENTATION POUR CARTOUCHE ET MATERIAU D'IMPRESSION**
[72] NOZAWA, IZUMI, JP
[72] KODAMA, HIDETOSHI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] MATSUZAKI, KAZUTOSHI, JP
[72] HARADA, KAZUMASA, JP
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[73] SEIKO EPSON CORPORATION, JP
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[54] **CALCUL DE NIVEAUX DE LIQUIDE DANS CUVES DE STOCKAGE DE FORME ARBITRAIRE A L'AIDE DE MODELISATION DE SOLIDES**
[72] GRANDINE, THOMAS A, US
[72] RAY, STEPHEN L, US
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[72] CARR, DOUGLAS A, US
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[54] **PROCEDE DE DETECTION D'UN ENGORGEMENT DANS UN DEBITMETRE A EFFET CORIOLIS**
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[72] DRAHM, WOLFGANG, DE
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[54] **APPAREIL DE GENERATION D'ENERGIE POUR BATEAUX**
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[73] OREA, FRANCISCO, US
[86] (2810002)
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[54] **GESTION DE PLURALITE DE DISPOSITIFS D'IDENTIFICATION RADIOFREQUENCE**
[72] YOURKOWSKI, SWANEE, US
[72] COOP, WILLIAM, US
[72] SHORE, REBECCA, US
[72] UNG, KEVIN, US
[72] AVERY, ROBERT, US
[72] AYYAGARI, ARUN, US
[73] THE BOEING COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE SIGNAUX D'INTERFACE RADIO PUBLIQUE COMMUNE PAR LIGNE COAXIALE**
[72] ZHAO, HU, CN
[72] ZHANG, LIQIONG, CN
[72] LI, SHAOMING, CN
[72] CHEN, JIANJUN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MIXING DEVICE FOR PREPACK VACUUM CEMENTING SYSTEM, VACUUM CEMENTING SYSTEM AND METHOD**
[54] **DISPOSITIF DE MELANGE POUR SYSTEME DE CIMENTATION SOUS VIDE A PRE-EMBALLAGE, SYSTEME DE CIMENTATION SOUS VIDE ET PROCEDE**
[72] VOGT, SEBASTIAN, DE
[72] BUECHNER, HUBERT, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UNE TRANSACTION AU MOYEN D'UN TERMINAL DE PAIEMENT**
[72] HAYHOW, ROBERT, CA
[72] GLEESON, BRYAN MICHAEL, CA
[73] THE TORONTO DOMINION BANK, CA
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[54] **SYSTEME DE GESTION DES MOUVEMENTS DES MACHINES DE MINE**
[72] ITOI, TAKASHI, JP
[72] TANINAGA, TADASHI, JP
[72] FUKASU, HISATAKA, JP
[72] UEDA, TAKAHIRO, JP
[73] KOMATSU LTD., JP
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[25] EN
[54] **MAGNESIUM RECOVERY METHOD AND MAGNESIUM RECOVERY APPARATUS**
[54] **PROCEDE DE RECUPERATION DE MAGNESIUM ET APPAREIL DE RECUPERATION DE MAGNESIUM**
[72] IWAMOTO, TATSUSHI, JP
[72] AKAMINE, KENICHI, JP
[72] OKUYAMA, JUNICHI, JP
[73] IHI CORPORATION, JP
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[54] **ELECTRONIC DEVICE AND METHOD FOR UPDATING MESSAGE BODY CONTENT BASED ON RECIPIENT CHANGES**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE MISE A JOUR DU CONTENU D'UN CORPS DE MESSAGE SELON LES CHANGEMENTS DE DESTINATAIRES**
[72] MARTIN, DARYL J., CA
[72] O'NEILL, CONOR M., CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF D'ALIMENTATION DOTE D'UNE GRILLE POUR UN SECOUEUR**
[72] CARR, BRIAN S., US
[72] FEDDERS, JOHN, US
[73] M-I L.L.C., US
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[54] **FAUTEUIL ROULANT ELECTRIQUE AVEC PROTECTEUR POUR PRATIQUER A DES SPORTS**
[72] AKRE, BRIAN K., US
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[86] (2812325)
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[54] **NAVIGATION DE VEHICULE IMPREVISIBLE**
[72] MACH, KIMBERLY, US
[72] LUTTER, ROBERT P., US
[72] OLSON, TREVOR LEE, US
[73] THE BOEING COMPANY, US
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[54] **POLYMERIZABLE CHAIN-EXTENDED POLYSILOXANES WITH PENDANT HYDROPHILIC GROUPS**
[54] **POLYSILOXANES A CHAINE ALLONGEE POLYMERISABLES COMPORTANT DES GROUPES HYDROPHILES PENDANTS**
[72] CHANG, FRANK, US
[72] HUANG, JINYU, US
[72] SANDERS, LAURA ANN, US
[73] NOVARTIS AG, CH
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[25] EN
[54] **CATALYST PARTICLES, CARBON-SUPPORTED CATALYST PARTICLES AND FUEL CELL CATALYSTS, AND METHODS OF MANUFACTURING SUCH CATALYST PARTICLES AND CARBON-SUPPORTED CATALYST PARTICLES**
[54] **PARTICULES DE CATALYSEUR, PARTICULES DE CATALYSEUR SUPPORTEES PAR DU CARBONE, ET CATALYSEURS DE PILE A COMBUSTIBLE, ET PROCEDES DE FABRICATION DE CES PARTICULES DE CATALYSEUR ET PARTICULES DE CATALYSEUR SUPPORTEES PAR DU CARBONE**
[72] SAKAI, GO, JP
[72] ARAI, TATSUYA, JP
[72] OGAWA, TETSUYA, JP
[72] SEKIZAWA, KOSHI, JP
[72] TAKEHIRO, NAOKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] UNIVERSITY OF MIYAZAKI, JP
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[25] EN
[54] **COLONIC PURGATIVE COMPOSITION WITH SOLUBLE BINDING AGENT**
[54] **COMPOSITION PURGATIVE POUR LE COLON A AGENT DE LIAISON SOLUBLE**
[72] SKIENDZIELEWSKI, STEPHEN, US
[72] ROSE, MARTIN, US
[72] DO, NGOC, US
[73] SALIX PHARMACEUTICALS, INC., US
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[25] EN
[54] **INVERTED SPRAY PAINT SYSTEM USING COMPRESSED AIR**
[54] **SYSTEME DE PEINTURE AU PISTOLET INVERSE UTILISANT DE L'AIR COMPRIME**
[72] HEATLEY, CHRISTOPHER, US
[73] SEYMOUR OF SYCAMORE INC., US
[85] 2013-04-15
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[25] EN
[54] **REFLECTIVE SECURITY ELEMENT FOR SECURITY PAPERS, VALUE DOCUMENTS OR THE LIKE**
[54] **ELEMENT DE SECURITE REFLECHISSANT POUR PAPIERS DE SECURITE, DOCUMENTS DE VALEUR OU SIMILAIRE**
[72] LOCHBIHLER, HANS, DE
[73] GIESECKE & DEVRIENT GMBH, DE
[85] 2013-04-16
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[25] EN
[54] **AUTHENTICATED BROADCAST TRANSMISSION UTILIZING A CONTENT RETRANSMITTER**
[54] **EMISSION DE DIFFUSION AUTHENTIFIEE METTANT EN OEUVRE UN RETRANSMETTEUR DE CONTENU**
[72] BADAM, RAVIKUMAR, IN
[72] NATARAJAN, JANARTHANAN, IN
[72] KORE, GURUBASAPPA, IN
[73] SLING MEDIA PVT. LTD., IN
[85] 2013-04-17
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[25] EN
[54] **METHOD OF MAKING PROGRESSING CAVITY PUMPING SYSTEMS**
[54] **PROCEDE DE FABRICATION DE SYSTEMES DE POMPAGE A VIS EXCENTREE**
[72] AKBARI, HOSSEIN, GB
[72] RAMIER, JULIEN, GB
[72] CAMUEL, TONY, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-04-26
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[25] EN
[54] **METHOD FOR BUFFERING A CHEMICAL OR BIOLOGICAL COMPOSITION**
[54] **METHODE D'ATTENUATION D'UNE COMPOSITION CHIMIQUE OU BIOLOGIQUE**
[72] HAYMORE, BARRY L., US
[73] SACHEM, INC., US
[85] 2013-05-03
[86] 2011-09-13 (PCT/US2011/051296)
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[25] EN
[54] **GRAPHICAL DISPLAY WITH OPTICAL PEN INPUT**
[54] **AFFICHAGE GRAPHIQUE AVEC SAISIE PAR STYLET OPTIQUE**
[72] PAUL, BINUSH KUMAR, CA
[72] KEIP, PAUL ROBIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2817318)
[87] (2817318)
[22] 2013-05-31
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[25] EN
[54] **FERMENTED MILK WITH REDUCED SOURNESS AND METHOD FOR PRODUCING SAME**
[54] **LAIT FERMENTE AYANT UNE AIGREUR REDUITE ET SON PROCEDE DE FABRICATION**
[72] HORIUCHI HIROSHI, JP
[72] INOUE, NOBUKO, JP
[72] SAKAGUCHI, KUMIKO, JP
[73] MEIJI CO., LTD., JP
[85] 2013-05-08
[86] 2011-11-15 (PCT/JP2011/076236)
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[25] EN
[54] **SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE**
[72] NAGAI, HIROKI, JP
[72] MORITA, MASAHIRO, JP
[72] IWAO, TAKASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2013-05-09
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[25] EN
[54] **MOISTURIZING COMPOSITIONS FOR LIP**
[54] **COMPOSITIONS HYDRATANTES POUR LES LEVRES**
[72] SUSAK, MILANKA, CA
[72] CASTRO, JOHN R., US
[72] COHEN, ISAAC DAVID, US
[73] ELC MANAGEMENT LLC, US
[85] 2013-05-09
[86] 2011-11-04 (PCT/US2011/059296)
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[25] EN
[54] **DENTIFRICE COMPOSITIONS CONTAINING CALCIUM SILICATE AND A BASIC AMINO ACID**
[54] **COMPOSITIONS DE DENTIFRICE CONTENANT DU SILICATE DE CALCIUM ET UN ACIDE AMINE BASIQUE**
[72] CHOPRA, SUMAN, US
[72] PATEL, RAHUL, US
[72] ZAIDEL, LYNETTE ANNE, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-05-09
[86] 2011-11-18 (PCT/US2011/061305)
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[25] EN
[54] **COMPOSITION BASED ON GEMINALS ZWITTERIONICS LIQUIDS AS WETTABILITY MODIFIERS IN ENHANCED OIL RECOVERY PROCESSES**
[54] **COMPOSITION A BASE DE LIQUIDES ZWITTERIONIQUES GEMINAUX EN TANT QUE MODIFICATEURS DE LA MOUILLABILITE DANS DES PROCEDES DE RECUPERATION AMELIOREE DE PETROLE**
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] MENA CERVANTES, VIOLETA YASMIN, MX
[72] BELTRAN CONDE, HIRAM ISAAC, MX
[72] DURAN VALENCIA, CECILIA DE LOS ANGELES, MX
[72] LOPEZ RAMIREZ, SIMON, MX
[72] BUENROSTRO GONZALEZ, EDUARDO, MX
[72] MENDOZA DE LA CRUZ, JOSE LUIS, MX
[72] GARCIA MARTINEZ, JORGE ALBERTO, MX
[72] LUNA ROJERO, ERICK EMANUEL, MX
[72] NIETO ALVAREZ, DAVID AARON, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[85] 2013-05-10
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[25] EN
[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE TRUE CONTENTS OF A CYLINDER OF GAS UNDER PRESSURE**
[54] **PROCEDE ET APPAREIL DE MESURE DU CONTENU REEL D'UNE BOUTEILLE DE GAZ SOUS PRESSION**
[72] DOWNIE, NEIL ALEXANDER, GB
[72] BEHRENS, MARCEL, BE
[72] OBADUN, LATEEF OLUSEGUN ADIGUN, GB
[73] AIR PRODUCTS AND CHEMCIALS, INC., US
[85] 2013-05-13
[86] 2011-11-28 (PCT/EP2011/071198)
[87] (WO2012/072588)
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[25] EN
[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE MASS FLOW RATE OF A GAS**
[54] **PROCEDE ET APPAREIL DE MESURE DU DEBIT MASSIQUE D'UN GAZ**
[72] DOWNIE, NEIL ALEXANDER, GB
[73] AIR PRODUCTS AND CHEMICALS INC., US
[85] 2013-05-13
[86] 2011-11-28 (PCT/EP2011/071213)
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[25] EN
[54] **METHODS AND APPARATUS FOR ENHANCING ELASTOMERIC STATOR INSERT MATERIAL PROPERTIES WITH RADIATION**
[54] **PROCEDES ET EQUIPEMENT POUR AMELIORER PAR RAYONNEMENT LES PROPRIETES DE LA MATIERE D'UN INSERT DE STATOR ELASTOMERE**
[72] BUTUC, STEFAN M., US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-05-23
[86] 2011-11-22 (PCT/US2011/061782)
[87] (WO2012/071378)
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[25] EN
[54] **FLOATING BIOREACTOR SYSTEM**
[54] **SYSTEME A BIOREACTEUR FLOTTANT**
[72] KAW, EROS G., US
[73] KAW, EROS G., US
[85] 2013-05-28
[86] 2011-10-27 (PCT/US2011/058139)
[87] (WO2012/091787)
[30] US (12/982,669) 2010-12-30

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[25] EN
[54] **ACHIEVING WATER RELEASE ZONE FOR DEWATERING THICK FINE TAILINGS BASED ON SHEARING PARAMETER SUCH AS CAMP NUMBER**
[54] **OBTENTION D'UNE ZONE DE LIBERATION D'EAU POUR DESHYDRATER DES RESIDUS FINS EPAIS EN FONCTION D'UN PARAMETRE DE CISAILLEMENT COMME LE NOMBRE DE CHAMPS**
[72] WEISS, MARVIN HARVEY, CA
[72] SANCHEZ, ANA, CA
[72] BUGG, TREVOR, CA
[72] REVINGTON, ADRIAN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2820252)
[87] (2820252)
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[30] US (61/662,695) 2012-06-21

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/02 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **CONNECTION ASSEMBLY FOR THROUGH TUBING CONVEYED SUBMERSIBLE PUMPS**
[54] **ENSEMBLE DE RACCORDEMENT POUR POMPES SUBMERSIBLES TRANSPORTEES A TRAVERS DES TUBULURES**
[72] TETZLAFF, STEVEN K., US
[72] ROBINSON, LANCE, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-06-18
[86] 2011-11-18 (PCT/US2011/061317)
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[30] US (61/424,937) 2010-12-20
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[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/20 (2006.01)**
[25] EN
[54] **PULSED POWER-BASED DRY FIRE PROTECTION FOR ELECTRIC WATER HEATERS**
[54] **MISE SOUS TENSION PAR IMPULSION ASSURANT UNE PROTECTION CONTRE LA MISE EN MARCHE A SEC DES CHAUFFE-EAU ELECTRIQUES**
[72] CHAUDHRY, RAHEEL A., US
[73] RHEEM MANUFACTURING COMPANY, US
[86] (2822358)
[87] (2822358)
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[54] **SPEED-RELATED CONTROL MECHANISM FOR A PUMP AND CONTROL METHOD**
[54] **PROCEDE ET MECANISME DE REGULATION DE VITESSE D'UNE POMPE**
[72] WILLIAMSON, MATTHEW, CA
[73] MAGNA POWERTRAIN INC., CA
[73] MAGNA POWERTRAIN INC., CA
[86] (2822615)
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[54] **REMOTE OPERATED CIRCUIT BREAKER**
[54] **DISJONCTEUR TELECOMMANDE**
[72] FASANO, MICHAEL, US
[73] CARLING TECHNOLOGIES, INC., US
[86] (2822768)
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[51] **Int.Cl. F22B 9/18 (2006.01)**
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[54] **ONCE-THROUGH STEAM GENERATOR**
[54] **GENERATEUR DE VAPEUR A CIRCULATION OUVERTE**
[72] STARK, DANIEL, US
[72] TAYLOR, DARRYL, US
[72] THOMPSON, ANTHONY A., US
[72] PASHA, AKBER, US
[72] FLANNERY, KELLY M., US
[73] VOGT POWER INTERNATIONAL INC., US
[86] (2822847)
[87] (2822847)
[22] 2013-08-02
[30] US (61/724,051) 2012-11-08
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[25] EN
[54] **VENTILATION DUCTING ARRANGEMENT**
[54] **DISPOSITION DE CONDUIT DE VENTILATION**
[72] FLEAGLE, STEVEN S., US
[72] CARSON, KEVIN J., US
[73] ABC INDUSTRIES, INC., US
[86] (2823202)
[87] (2823202)
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[51] **Int.Cl. B65G 47/00 (2006.01)**
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[54] **ADJUSTABLE CONVEYOR GUIDE**
[54] **GUIDAGE AJUSTABLE POUR CONVOYEUR**
[72] SPENCE, IAN STEVEN, GB
[73] ZEPF TECHNOLOGIES UK LIMITED, GB
[86] (2823323)
[87] (2823323)
[22] 2013-08-12
[30] GB (1214431.7) 2012-08-13

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[51] **Int.Cl. H05B 7/152 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE ELECTRODE OF AN ELECTRIC REDUCTION FURNACE**
[54] **DISPOSITIF DE REGLAGE DE L'ELECTRODE D'UN FOUR ELECTRIQUE A REDUCTION**
[72] KONIG, ROLAND, DE
[72] ROSE, LUTZ, DE
[72] STRIEDER, DETLEF, DE
[72] KLEIER, TIM, DE
[73] SMS GROUP GMBH, DE
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[86] 2012-01-31 (PCT/EP2012/051610)
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[51] **Int.Cl. H04W 48/18 (2009.01) H04W 36/16 (2009.01) H04W 68/00 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING CELL SELECTION TO HOME CELL OR PRIVATE NETWORK IN A MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE D'EXECUTION D'UNE SELECTION DE CELLULE SUR UNE CELLULE LOCALE OU UN RESEAU PRIVE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] JEONG, KYEONG-IN, KR
[72] VAN LIESHOUT, GERT JAN, GB
[72] KIM, SOENG-HUN, GB
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2823801)
[87] (2823801)
[22] 2008-01-16
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[13] C
[51] **Int.Cl. F16B 2/16 (2006.01)**
[25] EN
[54] **SELF-LOCKING DEVICE AND LOCKING AND UNLOCKING DEVICE THEREOF**
[54] **DISPOSITIF AUTO-VERROUILLABLE ET DISPOSITIF DE VERROUILLAGE ET DE DEVERROUILLAGE ASSOCIE**
[72] ZHOU, LIXIN, CN
[73] ZHOU, LIXIN, CN
[85] 2013-07-05
[86] 2012-01-04 (PCT/CN2012/070027)
[87] (WO2012/092856)
[30] CN (201110020106.4) 2011-01-06
[30] CN (201120017252.7) 2011-01-06
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[25] EN
[54] **F, G, H, I AND K CRYSTAL FORMS OF IMATINIB MESYLATE**
[54] **FORMES CRISTALLINES F, G, H, I ET K DU MESYLATE D'IMATINIB**
[72] MUTZ, MICHAEL, DE
[73] NOVARTIS AG, CH
[86] (2824301)
[87] (2824301)
[22] 2006-11-23
[62] 2,628,330
[30] GB (0524061.9) 2005-11-25
[30] GB (0524062.7) 2005-11-25
[30] US (60/740,016) 2005-11-28
[30] US (60/740.017) 2005-11-28
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[51] **Int.Cl. E01B 26/00 (2006.01) B61K 13/00 (2006.01) E01B 7/00 (2006.01)**
[25] EN
[54] **RAILROAD ATTACHMENT CLAMP**
[54] **PINCE DE FIXATION DE CHEMIN DE FER**
[72] REICHLE, DAVID LEE, US
[72] SAPLIN, STEVEN ADAM, US
[73] REICHLE, BRENDA, US
[73] REICHLE, DAVID LEE, US
[86] (2824592)
[87] (2824592)
[22] 2013-08-23
[30] US (61/692,780) 2012-08-24

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[13] C
[51] **Int.Cl. B62J 6/00 (2006.01) B62L 1/00 (2006.01)**
[25] EN
[54] **BICYCLE BRAKE DEVICE HAVING A WARNING FUNCTION**
[54] **DISPOSITIF DE FREINAGE DE VELO AYANT UNE ALARME**
[72] SU, WEI-CHUNG, CN
[73] CANKNOW INTERNATIONAL IND. CO., LTD., CN
[85] 2013-07-15
[86] 2012-01-30 (PCT/CN2012/070770)
[87] (WO2012/109957)
[30] CN (201110045569.6) 2011-02-17

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[54] **IMPLANT SYSTEM FOR BONE FIXATION**
[54] **SYSTEME D'IMPLANT POUR FIXATION OSSEUSE**
[72] MUECKTER, HELMUT, DE
[72] STOLTENBERG, INGO, DE
[73] STRYKER TRAUMA GMBH, DE
[85] 2013-07-23
[86] 2011-02-08 (PCT/EP2011/000585)
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[25] EN
[54] **FLOCCULATION MAGNETIC SEPARATOR**
[54] **DISPOSITIF DE SEPARATION MAGNETIQUE PAR FLOCULATION**
[72] TERUI, SHIGEKI, JP
[72] YAMADA, MANABU, JP
[73] HITACHI, LTD., JP
[85] 2013-07-24
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **METHODS OF MAINTAINING SUFFICIENT HYDROSTATIC PRESSURE IN MULTIPLE INTERVALS OF A WELLBORE IN A SOFT FORMATION**
[54] **PROCEDES DE MAINTIEN D'UNE PRESSION HYDROSTATIQUE SUFFISANTE DANS DE MULTIPLES INTERVALLES D'UN PUITS DE FORAGE DANS UNE FORMATION MOLLE**
[72] GRIGSBY, TOMMY F., US
[72] TECHENTIEN, BRUCE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-07-26
[86] 2011-08-26 (PCT/US2011/049325)
[87] (WO2012/106012)
[30] US (13/020,618) 2011-02-03

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[25] EN
[54] **OPTICAL FIBER CHARACTERISTICS MEASUREMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESURE DES CARACTERISTIQUES D'UNE FIBRE OPTIQUE**
[72] KISHI, MASATO, JP
[72] HOTATE, KAZUO, JP
[72] YARI, TAKASHI, JP
[72] KUMAGAI, YOSHIHIRO, JP
[73] THE UNIVERSITY OF TOKYO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] YOKOGAWA ELECTRIC CORPORATION, JP
[85] 2013-07-29
[86] 2012-01-27 (PCT/JP2012/051754)
[87] (WO2012/105429)
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[51] **Int.Cl. F16M 11/04 (2006.01) F16M 13/02 (2006.01) H04N 5/655 (2006.01)**
[25] EN
[54] **MOUNTING APPARATUS FOR AN AUDIO/VIDEO SYSTEM AND RELATED METHODS AND SYSTEMS**
[54] **DISPOSITIF DE MONTAGE POUR SYSTEME AUDIO/VIDEO ET PROCEDES ET SYSTEMES ASSOCIES**
[72] IMA, ALAN TOYONOBU, CA
[72] MILLSON, RICHARD BLAIR, CA
[73] MILLSON CUSTOM SOLUTIONS INC., CA
[85] 2013-08-16
[86] 2012-02-17 (PCT/CA2012/000151)
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[54] **METHOD AND APPARATUS FOR ENCRYPTION OF OVER-THE-AIR COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE CRYPTAGE DE COMMUNICATION EN LIAISON RADIO DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] LUZ, YUDA Y., US
[72] CROCKER, RONALD T., US
[72] HARRIS, JOHN M., US
[73] MOTOROLA MOBILITY LLC, US
[86] (2826134)
[87] (2826134)
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[25] EN
[54] **ROCK DRILLING RIG AND METHOD OF POSITIONING ROCK DRILLING UNIT**
[54] **INSTALLATION DE FORAGE DE ROCHE ET PROCEDE DE POSITIONNEMENT D'INSTALLATION DE FORAGE DE ROCHE**
[72] MUONA, JOUKO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2827180)
[87] (2827180)
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[25] EN
[54] **INSULATED AND SEALED CAP ASSEMBLY FOR A FASTENER COMPONENT**
[54] **ENSEMBLE CAPUCHON ETANCHE ET ISOLE POUR UN ELEMENT DE FIXATION**
[72] HUTTER, CHARLES G., III, US
[73] PHYSICAL SYSTEMS, INC., US
[85] 2013-08-21
[86] 2012-02-28 (PCT/US2012/027019)
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[54] **FLAMELESS GLYCOL HEATER**
[54] **APPAREIL DE CHAUFFAGE DE GLYCOL SANS FLAMME**
[72] BELL, PATRICK G., CA
[72] BECKIE, WILLIAM N., CA
[73] CONLEYMAX INC., CA
[86] (2828522)
[87] (2828522)
[22] 2013-09-26
[30] US (14/037,123) 2013-09-25

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[51] **Int.Cl. C07C 49/747 (2006.01) A01N 35/06 (2006.01) A01P 13/00 (2006.01) C07C 49/683 (2006.01)**
[25] EN
[54] **C2-PHENYL-SUBSTITUTED CYCLIC KETO-ENOLS AS PESTICIDES AND HERBICIDES**
[54] **CETOENOLS CYCLIQUES SUBSTITUES PAR PHENYLE C2 UTILISES COMME AGENTS DE LUTTE CONTRE LES PARASITES ET COMME HERBICIDES**
[72] RUTHER, MICHAEL, DE
[72] HAGEMANN, HERMANN, DE
[72] SCHNEIDER, UDO, DE
[72] DOLLINGER, MARKUS, DE
[72] DAHMEN, PETER, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] FISCHER, REINER, DE
[72] GRAFF, ALAN, DE
[72] BRETSCHNEIDER, THOMAS, DE
[72] ERDELEN, CHRISTOPH, DE
[72] DREWES, MARK WILHELM, DE
[72] FEUCHT, DIETER, DE
[72] LIEB, FOLKER, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
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[87] (2829534)
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[54] **AUTO-SHIFT REVERSING MECHANISM**
[54] **MECANISME D'INVERSION A CHANGEMENT AUTOMATIQUE**
[72] PUSATERI, DANIEL, US
[73] SNAP-ON INCORPORATED, US
[86] (2829644)
[87] (2829644)
[22] 2013-10-10
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[25] EN
[54] **ANIMAL MEDICINE REMINDER TAG**
[54] **ETIQUETTE DE RAPPEL UTILISEE EN MEDECINE ANIMALE**
[72] RADER, LINDA KATHRYN, US
[73] MERIAL, INC., US
[85] 2013-09-10
[86] 2012-03-14 (PCT/US2012/029068)
[87] (WO2012/125717)
[30] US (61/452,185) 2011-03-14

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[51] **Int.Cl. B62D 25/10 (2006.01)**
[25] EN
[54] **VEHICLE TRUNK DOOR STRUCTURE**
[54] **STRUCTURE DE COUVERCLE DE COFFRE POUR VEHICULE**
[72] IWANO, YOSHIHIRO, JP
[72] EBINA, KOSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2013-09-12
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[25] EN
[54] **STENT GRAFT SEALING ZONE CONNECTING STRUCTURE**
[54] **STRUCTURE DE RACCORDEMENT DE ZONE D'OBTURATION POUR GREFFE D'ENDOPROTHESE**
[72] MAJERCAK, DAVID C., US
[72] PARK, JIN S., US
[73] CORDIS CORPORATION, US
[86] (2830712)
[87] (2830712)
[22] 2007-08-07
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[25] EN
[54] **HOT ROLLED STEEL SHEET AND ASSOCIATED FABRICATION METHOD**
[54] **TOLE D'ACIER LAMINEE A CHAUD ET PROCEDE DE FABRICATION ASSOCIE**
[72] PERLADE, ASTRID, FR
[72] AMARD, AURELIE, FR
[72] PECHENOT, FLORENCE, FR
[72] STENBACK, ERIK, FR
[72] PIPARD, JEAN MARC, FR
[72] HASSANI, FARID E., US
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2013-09-20
[86] 2012-03-23 (PCT/FR2012/000104)
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[30] FR (PCT/FR2011/000173) 2011-03-24

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[51] **Int.Cl. A24C 5/06 (2006.01)**
[25] EN
[54] **TABLETOP AUTOMATIC CIGARETTE-MAKING MACHINE SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE POUR MACHINE AUTOMATIQUE DE TABLE DESTINEE A FABRIQUER DES CIGARETTES**
[72] LIN, MEI, US
[73] REPUBLIC TOBACCO L.P., US
[86] (2830951)
[87] (2830951)
[22] 2013-10-24
[30] US (13/671,093) 2012-11-07

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[13] C
[51] **Int.Cl. F16H 61/04 (2006.01) F16H 59/14 (2006.01) F16H 61/02 (2006.01)**
[25] EN
[54] **METHOD OF SETTING TRANSMISSION SHIFT POINTS IN REAL-TIME BASED UPON AN ENGINE PERFORMANCE CURVE**
[54] **PROCEDE DE DEFINITION DE POINTS DE PASSAGE DE RAPPORT DE TRANSMISSION EN TEMPS REEL SUR BASE D'UNE COURBE DE PERFORMANCE DU MOTEUR**
[72] ETCHASON, EDMOND M., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2013-09-25
[86] 2011-04-22 (PCT/US2011/033581)
[87] (WO2012/145009)

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[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/24 (2006.01)**
[25] EN
[54] **BAG FILTER FOR CLEANING DUST-LADEN GASES AND INJECTOR NOZZLE FOR SUCH A BAG FILTER**
[54] **FILTRE A MANCHES POUR L'EPURATION DE GAZ CHARGES DE POUSSIERES ET BUSE D'INJECTEUR POUR UN TEL FILTRE A MANCHES**
[72] SCHWARZL, GUNTER, AT
[72] LISBERGER, MANFRED, AT
[72] DAXDOBLER, JURGEN, AT
[72] HELML, JOSEF, AT
[73] SCHEUCH GMBH, AT
[85] 2013-10-03
[86] 2012-04-04 (PCT/AT2012/000091)
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[30] AT (A 472/2011) 2011-04-04

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[51] **Int.Cl. A61F 13/534 (2006.01)**
[25] EN
[54] **ABSORBENT MEMBERS HAVING DENSITY PROFILE**
[54] **ELEMENTS ABSORBANT AYANT DES PROFILS DE DENSITE**
[72] MARINELLI, LUIGI, IT
[72] LAKE, KIRK WALLACE, US
[72] ORR, JILL MARLENE, US
[72] WEISMAN, PAUL THOMAS, US
[72] PRIESSMAN, KEITH ROBERT, US
[72] CIMINI, CARMINE, IT
[72] DI PILLA, MARIO, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-08
[86] 2012-04-25 (PCT/US2012/034860)
[87] (WO2012/148944)
[30] US (13/094,265) 2011-04-26

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[51] **Int.Cl. E02F 9/00 (2006.01) H02G 11/02 (2006.01)**
[25] EN
[54] **SELF-PROPELLED CABLE RELAY TRUCK**
[54] **CAMION RELAIS A CABLE AUTOTRACTE**
[72] TOJIMA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] YAMASHITA, KOUICHI, JP
[73] KOMATSU LTD., JP
[85] 2013-10-10
[86] 2012-05-09 (PCT/JP2012/061825)
[87] (WO2012/153754)
[30] JP (2011-105747) 2011-05-10

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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **AXIAL TURBOMACHINE BLADE WITH PLATFORMS HAVING AN ANGULAR PROFILE**
[54] **PALE DE TURBOMACHINE AXIALE DOTEE DE PLATEFORMES AYANT UN PROFIL ANGULAIRE**
[72] BIEMAR, GUY, BE
[73] TECHSPACE AERO S.A., BE
[86] (2833229)
[87] (2833229)
[22] 2013-11-18
[30] EP (12194852.5) 2012-11-29

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[13] C
[51] **Int.Cl. F16L 25/00 (2006.01) F16J 15/06 (2006.01) F16L 49/00 (2006.01)**
[25] EN
[54] **SEAL BETWEEN METAL AND CERAMIC CONDUITS**
[54] **JOINT ENTRE CONDUITS DE METAL ET DE CERAMIQUE**
[72] UNDERWOOD, RICHARD PAUL, US
[72] TENTARELLI, STEPHEN CLYDE, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2833468)
[87] (2833468)
[22] 2013-11-15
[30] EP (12193093.7) 2012-11-16

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[25] EN
[54] **FILTER FOR REMOVING SEDIMENT FROM WATER**
[54] **FILTRE PERMETTANT D'ENLEVER LES SEDIMENTS DE L'EAU**
[72] MURRAY, CHRISTOPHER ADAM, CA
[72] LAWLESS, DARREN FRANCIS KEVIN, CA
[72] WILLIAMS, GREGORY RICHARD, CA
[72] BRAUN, STEPHEN ERIC, CA
[72] GARBON, JOEL ANTHONY, US
[73] IMBRIUM SYSTEMS INC., CA
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[87] (2834542)
[22] 2008-08-15
[62] 2,696,482
[30] US (11/839,303) 2007-08-15
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[51] **Int.Cl. H04W 28/02 (2009.01) H04L 12/54 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ROUTING ELECTRONIC CONTENT TO A RECIPIENT DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ACHEMINER UN CONTENU ELECTRONIQUE JUSQU'A UN DISPOSITIF DE DESTINATAIRE**
[72] IBASCO, ALEX D., PH
[72] JOSON, EDUARDO RAMON G., PH
[72] DIAZ, MANUEL, O., JR., PH
[72] YU, WILLIAM EMMANUEL S., PH
[73] EINNOVATIONS HOLDINGS PTE. LTD., SG
[85] 2013-11-01
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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR EXAMINING OR MACHINING A HUMAN EYE**
[54] **APPAREIL POUR L'EXAMEN OU LE TRAITEMENT D'UN OEIL HUMAIN**
[72] VOGLER, KLAUS, DE
[72] ABRAHAM, MARIO, DE
[73] WAVELIGHT GMBH, DE
[85] 2013-11-05
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[25] EN
[54] **DIRECTIONLESS (ORIENTATION INDEPENDENT) NEEDLE INJECTION PORT**
[54] **PORT D'INJECTION D'AIGUILLE SANS ORIENTATION (INDEPENDANT DE L'ORIENTATION)**
[72] SCHWAB, JUSTIN J., US
[72] SNOW, SEAN, US
[73] APOLLO ENDOSURGERY, INC., US
[85] 2013-11-12
[86] 2012-05-09 (PCT/US2012/037075)
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[30] US (13/104,260) 2011-05-10

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[51] **Int.Cl. B62D 33/02 (2006.01) B62D 25/20 (2006.01)**
[25] EN
[54] **TRUCK BOX SPACE FRAME**
[54] **STRUCTURE SPATIALE POUR CAISSE DE CAMION**
[72] WERNER, MARK F., CA
[73] MAGNA INTERNATIONAL INC., CA
[86] (2836059)
[87] (2836059)
[22] 2007-03-28
[62] 2,582,871
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[51] **Int.Cl. B64D 37/08 (2006.01) B64D 7/00 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **HYDRODYNAMIC RAM MITIGATING FUEL CELL STRUCTURE**
[54] **STRUCTURE DE PILE A COMBUSTIBLE D'ATTENUATION DE PRESSION HYDRODYNAMIQUE**
[72] SPARKS, CHAD ELLIOT, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-11-15
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[25] EN
[54] **POLARIZING PHOTOCHROMIC ARTICLES**
[54] **ARTICLES PHOTOCHROMIQUES POLARISANTS**
[72] KUMAR, ANIL, US
[72] YOEST, RACHAEL L., US
[72] LI, CHENGUANG, US
[72] JACKSON, DELWIN S., US
[72] NGUYEN, HENRY, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2013-11-19
[86] 2012-06-01 (PCT/US2012/040350)
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[30] US (13/153,748) 2011-06-06

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[51] **Int.Cl. B01D 53/84 (2006.01) B01D 53/62 (2006.01) B01D 61/14 (2006.01)**
[25] EN
[54] **CARBONIC ANHYDRASE TANGENTIAL FLOW FILTRATION IN CO2 CAPTURE**
[54] **FILTRATION A FLUX TANGENTIEL ANHYDRASE CARBONIQUE POUR LA CAPTURE DE CO2**
[72] PARENT, CARMEN, CA
[72] DUTIL, FREDERIC, CA
[73] CO2 SOLUTIONS INC., CA
[86] (2838139)
[87] (2838139)
[22] 2002-07-11
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[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS THAT TRANSMIT INFRARED RADIATION AND EXHIBIT COLOR STABILITY AND RELATED COATING SYSTEMS**
[54] **COMPOSITIONS DE REVETEMENT TRANSMETTANT LES RAYONNEMENTS INFRAROUGES ET PRESENTANT UNE BONNE STABILITE DE LA COULEUR, ET SYSTEMES DE REVETEMENT ASSOCIES**
[72] HELLRING, STUART D., US
[72] MCQUOWN, STEPHEN G., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-12-05
[86] 2012-05-29 (PCT/US2012/039829)
[87] (WO2012/170230)
[30] US (13/153,861) 2011-06-06

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[51] **Int.Cl. E21B 17/01 (2006.01) E21B 33/038 (2006.01)**
[25] EN
[54] **SELF CONTAINED MARINE RISER FAIRING**
[54] **CARENAGE DE TUBE GOULOTTE AUTONOME**
[72] MUNIZ-MARTINEZ, ADAN H., US
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2013-12-12
[86] 2012-06-11 (PCT/US2012/041915)
[87] (WO2012/173932)
[30] US (61/496,631) 2011-06-14

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EVALUATING WEIGHT DATA FROM A SERVICE RIG**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE DONNEES DE POIDS D'UNE PLATEFORME DE MAINTENANCE**
[72] NEWMAN, FREDERIC M., US
[73] KEY ENERGY SERVICES, INC., US
[86] (2839478)
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[22] 2006-09-08
[62] 2,621,546
[30] US (60/716,612) 2005-09-13

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[72] COLE, STEVEN R., US
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[54] **STRATIFIES HYBRIDES EN COMPOSITE MOLYBDENE ET PROCEDES**
[72] MATSEN, MARC R., US
[72] NEGLEY, MARK A., US
[72] PIEHL, MARC J., US
[72] BLOHOWIAK, KAY Y., US
[72] LANDMANN, ALAN E., US
[72] BOSSI, RICHARD H., US
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[72] FOLTZ, GREGORY ALAN, US
[72] BUTLER, GEOFFREY A., US
[72] PINGREE, LIAM S. CAVANAUGH, US
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[73] NESTEC S.A., CH
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[54] **ARRANGEMENT DE PAROIS D'AJOUT POUR SYSTEME DE PAROIS**
[72] KOPISH, ANDREW J., US
[72] SEIDL, LON, US
[72] LENHART, TAD E., US
[73] KRUEGER INTERNATIONAL, INC., US
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[54] **MACROMOLECULE AMPHIPHILE ET SON UTILISATION**
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[72] SHI, XUEFENG, CN
[72] XU, XIAOHUI, CN
[72] YANG, HUI, CN
[72] WANG, YILIN, CN
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[54] **ELEMENT D'ESPACEMENT POUR GENOU A DEUX COMPOSANTS AVEC EVIDEMENTS**
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[73] HERAEUS MEDICAL GMBH, DE
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[54] **SYSTEMES ET PROCEDES POUR LE PLACEMENT DE FILTRES A GRAVIERS DANS DES PUITS**
[72] TECHENTIEN, BRUCE WALLACE, US
[72] FITZPATRICK, HARVEY JOSEPH, JR., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENSEMBLE D'INSTALLATION POUR UNE TOILETTE**
[72] ZHOU, HONGSHENG, CN
[72] YOU, HANG, CN
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[73] GLOBE UNION INDUSTRIAL CORP., TW
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[54] **MACHINE DE DECORTICAGE DE CRABE**
[72] ZHOU, PENGFEI, CN
[73] PENGFEI ZHOU AND LEI FU, CN
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[54] **SYSTEME D'AFFICHAGE DE CONTRIBUTION, PROCEDE D'AFFICHAGE DE CONTRIBUTION ET PROGRAMME D'AFFICHAGE DE CONTRIBUTION**
[72] MURATA, YUSUKE, JP
[72] NUMAZU, KENJIRO, JP
[72] SAKURAI, RUKA, JP
[73] RAKUTEN, INC., JP
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[72] WIRTENSOHN, GABRIELE, DE
[72] SCHWEIGKOFLER, MARTIN, DE
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[54] **DISPOSITIF D'EXFOLIATION PORTATIF**
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[72] GOERTZ, MAGNUS, SE
[72] ERIKSSON, THOMAS, SE
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[72] LASKAR, WILLIAM J., US
[72] LIVELY, KYLE J., US
[72] MARSHALL, GREGORY C., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **DISPOSITIF DE JOINT REDONDANT POUR AMORTISSEUR D'AERONEF**
[72] LEE, V-BOND, CA
[73] SPP CANADA AIRCRAFT, INC., CA
[86] (2849148)
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[54] **DEVICE AND METHOD FOR MAKING A DILUTE AQUEOUS SOLUTION OF PEROXOMONOSULPHURIC ACID**
[54] **DISPOSITIF ET PROCEDE POUR FABRIQUER UNE SOLUTION AQUEUSE DILUEE D'ACIDE PEROXOMONOSULFURIQUE**
[72] STESEL, PETER, NZ
[72] TOWNSEND, DARREN, NZ
[72] BARRATT, THOMAS, NZ
[73] EVONIK DEGUSSA GMBH, DE
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[54] **PROCEDE D'INFUSION AMELIORE**
[72] JANZ, NATHAN ROBERT, CA
[73] JANZ, NATHAN ROBERT, CA
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[54] **NOYAUX D'AMES ALVEOLAIRES AVEC JOINTS DE RECOUVREMENT ET PROCEDES D'ASSEMBLAGE D'AMES ALVEOLAIRES**
[72] DEAN, THOMAS A., US
[72] GERKEN, NOEL T., US
[72] KNOLL, FREDERICK LEONARD, US
[72] WITHNELL, KURT WALTER, US
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[72] MUSCHAR, HARRY L., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **CARTOUCHE DE TONER DESTINEE A ETRE UTILISEE DANS UN DISPOSITIF DE FORMATION D'IMAGES**
[72] ACOSTA, BENJER ALBARAN, PH
[72] AMANN, MARK WILLIAM, US
[72] CARTER, JAMES ANTHANY, US
[72] HACKNEY, GARY NEAL, US
[72] LACTUAN, KATRINA ROSIT, PH
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[72] NEWMAN, BENJAMIN KEITH, US
[72] ROGERS, MATTHEW LEE, US
[72] SPROUL, RODNEY EVAN, US
[72] HALE, JASON, US
[72] PORTIG, HARALD, US
[72] SEAMAN, KEITH, US
[72] SCHARF, BRYAN CHRISTOPHER, US
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[54] **TALOCHEUSE-LISSEUSE MECANIQUE A COMMANDE DE PAS AUTOMATIQUE**
[72] HAMMOND, BRIAN L., US
[72] LILLIANTHAL, DAVID, US
[72] WIESE, BENJAMIN A., US
[72] GILLESPIE, BRUCE R., US
[72] DAVIS, ROBERT DANE, US
[72] BAIRD, COLE R., US
[72] HANSON, STEVEN K., US
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[54] **DETECTING MALWARE USING PATTERNS**
[54] **DETECTION D'UN LOGICIEL MALVEILLANT A L'AIDE DE MOTIFS**
[72] RICHARD, MATTHEW, US
[72] MCDOUGAL, MONTY D., US
[73] RAYTHEON CYBER PRODUCTS, LLC, US
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[54] **PROVIDING A MALWARE ANALYSIS USING A SECURE MALWARE DETECTION PROCESS**
[54] **ANALYSE DE LOGICIELS MALVEILLANTS AU MOYEN D'UN PROCEDE DE DETECTION DE LOGICIELS MALVEILLANTS SECURISE**
[72] MCDOUGAL, MONTY D., US
[73] RAYTHEON CYBER PRODUCTS, LLC, US
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[54] **APPARATUS AND METHOD FOR TREATING AQUEOUS SOLUTIONS AND CONTAMINANTS THEREIN**
[54] **APPAREIL ET PROCEDE POUR TRAITEMENT DE SOLUTIONS AQUEUSES ET DE CONTAMINANTS DANS CELLES-CI**
[72] BARRY, TERENCE P., US
[72] BARRY, THOMAS P., US
[72] MYRE, JAKE, US
[72] ASMUTH, ANTON, US
[73] AQUAMOST, INC., US
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[54] **TESTOSTERONE GEL COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS DE GEL DE TESTOSTERONE ET PROCEDES CONNEXES**
[72] PIMPLASKAR, HARISH K., US
[73] UPSHER-SMITH LABORATORIES, INC., US
[86] (2857286)
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[54] **QUINOLYL-CONTAINING HYDROXAMIC ACID COMPOUND AND PREPARATION METHOD THEREOF, AND PHARMACEUTICAL COMPOSITION CONTAINING THIS COMPOUND AND USE THEREOF**
[54] **COMPOSE D'ACIDE HYDROXAMIQUE CONTENANT DE LA QUINOLYLE ET PROCEDE DE PREPARATION ASSOCIE, ET COMPOSITION PHARMACEUTIQUE CONTENANT CE COMPOSE ET UTILISATION ASSOCIEE**
[72] YUN, ZIWEI, CN
[72] WANG, HONGTAO, CN
[73] BEIJING KONRUNS PHARMACEUTICAL CO., LTD., CN
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[54] **IMAGERIE DE FLUIDE EN FORMATION A SUPER-RESOLUTION**
[72] SCHMIDT, HOWARD K., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-06-03
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[54] **PANNEAU DE PLANCHER AVANT**
[72] YONEBAYASHI, TORU, JP
[72] SUZUKI, TOSHIYA, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] TAKAHASHI, MASAYA, JP
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[54] **SYSTEM FOR DETECTING, ANALYZING, AND CONTROLLING INFILTRATION OF COMPUTER AND NETWORK SYSTEMS**
[54] **SYSTEME DE DETECTION, D'ANALYSE ET DE CONTROLE D'INFILTRATION DE SYSTEMES INFORMATIQUES ET DE RESEAU**
[72] MARION, JOHN, US
[72] CHAMALES, GEORGE, US
[73] LOGOS TECHNOLOGIES, LLC, US
[85] 2014-06-13
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[54] **CARBON DIOXIDE ABSORBENT REQUIRING LESS REGENERATION ENERGY**
[54] **AGENT D'ABSORPTION DE DIOXYDE DE CARBONE AYANT DES BESOINS EN ENERGIE DE REGENERATION LIMITES**
[72] ASPRION, NORBERT, DE
[72] CLAUSEN, IVEN, DE
[72] LICHTFERS, UTE, DE
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[73] BASF SE, DE
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[54] **DISPOSITIF DE SEPARATION DE TENDONS ET DISPOSITIF DE TRAITEMENT EQUIPE DUDIT DISPOSITIF DE SEPARATION DE TENDONS ET PROCEDE DE SEPARATION AUTOMATIQUE DE TENDONS ET/OU PORTIONS DETENDON QUI SE TROUVENT A L'INTERIEUR DU BLANC DE VOLAILLE**
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[54] **APPARATUS AND METHOD FOR TREATING AQUEOUS SOLUTIONS AND CONTAMINANTS THEREIN**
[54] **APPAREIL ET PROCEDE POUR TRAITER DES SOLUTIONS AQUEUSES ET DES CONTAMINANTS CONTENUS DANS CES DERNIERES**
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[54] **GRANDES ANNONCES POUR POIGNEES DE PORTE OFFRANT DES STIMULI MULTISENSORIELS**
[72] ENGLISH, LARRY, US
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[54] **GESTION DES DETENUS ET SYSTEMES ET PROCEDES DE TRAITEMENT DES APPELS**
[72] RAE, ROBERT L., US
[72] POLOZOLA, MICHELLE L., US
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[72] OLIVER, ANDREW STEPHEN, US
[72] CHELLINO, WESLEY STEVEN, US
[73] TOTAL SUPPORT LLC, US
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[54] **SYSTEMES D'ISOLATION MODULAIRES**
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[72] HUBBARD, DONALD A., US
[73] WORKSAFE TECHNOLOGIES, US
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[54] **DISPOSITIFS ET PROCEDES DE REGULATION DE JET**
[72] SUPONITSKY, VICTORIA, CA
[72] BARSKY, SANDRA JUSTINE, CA
[72] LABERGE, J. MICHEL G., CA
[72] RICHARDSON, DOUGLAS HARVEY, CA
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[54] **METHOD OF CONSTRUCTING A RISER STRING BY INSTALLING A VALVE AND AN ANNULAR SEAL**
[54] **PROCEDE DE CONSTRUCTION D'UN TRAIN DE TIGES DE COLONNE MONTANTE CONSISTANT A INSTALLER UNE VANNE ET UN JOINT D'ETANCHEITE ANNULAIRE**
[72] ORBELL, CHARLES R., US
[72] LEUCHTENBERG, CHRISTIAN, ID
[72] GODFREY, CRAIG W., US
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[54] **APPAREIL ET METHODE DE TRAITEMENT DE SORTIE DE COMBUSTIBLE GAZEUX**
[72] OVERSBY, KEVIN K., CA
[73] WESTPORT POWER INC., CA
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[72] HATCHETTE, PAUL, CA
[73] HATCHETTE, SCOTT J., CA
[73] HATCHETTE, KIMBERLY A., CA
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[54] **TYPAGE DE SANG PHOTONIQUE**
[72] BRAULT, NORMAN D., US
[72] RATNER, DANIEL M., US
[72] JOHNSEN, JILL M., US
[72] KIRK, JAMES T., US
[72] LOPEZ, JOSE A., US
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[54] **SYSTEME DE COMMANDE PERMETTANT D'ATTRIBUER UN COURANT DE VAPEUR DANS DES ELEMENTS**
[72] JANVIER, BENOIT, CA
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[54] **SYSTEME DE COMMANDE DE VANNE DE DEVIATION POUR LES OPERATIONS D'ARRET DE PILE A COMBUSTIBLE**
[72] SHIMADA, KAZUHIDE, JP
[72] CHIKUGO, HAYATO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **DISPOSITIFS DE COMMUNICATIONS ELECTRONIQUES AVEC MICROPHONES INTEGRES**
[72] MACKEY, CHRISTOPHER D., US
[72] BARTHOLOMEW, SCOTT E., US
[72] KEANE, ANTHONY R.A., US
[72] TENNANT, BRYCE, US
[73] HARRIS CORPORATION, US
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[54] **ELEMENT D'UN SYSTEME DE MOULAGE POUR LE REFROIDISSEMENT D'UN ARTICLE MOULE**
[72] NIEWELS, JOACHIM JOHANNES, CA
[72] STEDMAN, SCOTT MICHAEL, CA
[72] WITZ, JEAN-CHRISTOPHE, FR
[72] KMOCH, SVEN, DE
[72] FISCH, RALF WALTER, DE
[72] LUIJS, RUUD MARIA THEODORUS, CA
[72] YANKOV, PETER, CA
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[54] **ENCODING AND DECODING VIDEO USING HIERARCHICALLY-DIVIDED CODING UNITS**
[54] **CODAGE ET DECODAGE VIDEO A L'AIDE D'UNITES DE CODAGE HIERARCHIQUES**
[72] CHEN, JIANLE, KR
[72] CHEON, MIN-SU, KR
[72] LEE, JAE-CHOOL, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] KIM, IL-KOO, KR
[72] LEE, SANG-RAE, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SHEET FEEDER WITH DUAL DISCHARGE**
[54] **CHARGEUR FEUILLE A FEUILLE A DOUBLE REJET**
[72] NORDLING, PETER M., US
[72] TURIN, EDWARD J., US
[73] MULTIFEEDER TECHNOLOGY, INC., US
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[54] **APPAREIL DE NETTOYAGE DE SURFACE**
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[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[54] **FORMULATIONS NANOPARTICULAIRES DE METADICHOL SOUS FORME DE LIQUIDE ET DE GEL**
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[73] NANORX, INC., US
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[54] **MOTEUR A RAPPORT DE COMPRESSION VARIABLE**
[72] BLACKSTOCK, SCOTT, US
[73] BLACKSTOCK, SCOTT, US
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[54] **APPARATUS FOR MARKING AND ORDERING PLATE BLANKS, AND LOAD AND RECEIVING MAGAZINES THEREFOR**
[54] **APPAREIL POUR MARQUER ET ORDONNER DES EBAUCHES DE PLAQUETTE ET CHARGER LES PANIERS DE RECEPTION DE CELLES-CI**
[72] MACARTHUR, BENJAMIN, US
[72] VANDENBROEK, TONY, US
[73] HONDA MOTOR CO., LTD., JP
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[54] **PRODUIT ALIMENTAIRE A TEXTURE MODIFIEE ET SON PROCEDE DE FABRICATION**
[72] ROUSSEAU, FREDERIC, CA
[73] AMBROSIA FOODS INC., CA
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December 27, 2015 to January 2, 2016

Demandes canadiennes mises à la disponibilité du public

27 décembre 2015 au 2 janvier 2016

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[54] **DISPOSITIF POUR FILET DE BASKET-BALL ET AMELIORATIONS DE CELUI-CI**
[72] SMITH, JASON PAUL, CA
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[54] **COMBUSTION APPARATUS OF COMPOSITE HEAT CARRIER GENERATOR**
[54] **DISPOSITIF DE COMBUSTION DE SYSTEME DE GENERATION DE CALOPORTEUR COMPOSITE**
[72] MEI, LIXIN, CN
[72] MEI, YIZHONG, CN
[72] GAO, PENGFEI, CN
[72] LI, XINGRU, CN
[72] ZHANG, JIANZHONG, CN
[72] GU, SHIFENG, CN
[72] CUI, GUOAN, CN
[71] OTECH SERVICE CANADA LTD., CA
[71] JIANGSU GREATRIVER OTECH CO., LTD., CN
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[54] **COMBUSTION SYSTEM OF COMPOSITE HEAT CARRIER GENERATOR**
[54] **SYSTEME DE COMBUSTION DE SYSTEME DE GENERATION DE CALOPORTEUR COMPOSITE**
[72] MEI, LIXIN, CN
[72] MEI, YIZHONG, CN
[72] GAO, PENGFEI, CN
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[72] ZHANG, JIANZHONG, CN
[72] GU, SHIFENG, CN
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[54] **STRUCTURE REPLIABLE POUR RECIPIENT PRESENTANT UNE PAROI INTERIEURE INCLINEE**
[72] WILSON, STEPHEN, CA
[72] TIPTIS, STEFAN, CA
[71] ALUMA SYSTEMS INC., CA
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[54] **SCREEN STABILIZER FOR READING DOCUMENTS AND EBOOKS DURING MOVING OF USER**
[54] **STABILISATEUR D'ECRAN PERMETTANT LA LECTURE DE DOCUMENTS ET DE LIVRES ELECTRONIQUES PENDANT LE DEPLACEMENT DE L'UTILISATEUR**
[72] ZANJANI, MOHAMMADREZA SHARIFI, CA
[71] ZANJANI, MOHAMMADREZA SHARIFI, CA
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[54] **PRECURSOR LAMINATE AND METHOD FOR FORMING A LAMINATE**
[54] **STRATIFIE PRECURSEUR ET METHODE DE FORMATION D'UN STRATIFIE**
[72] MACKELVIE, WINSTON, CA
[71] R.A.INVESTMENT MANAGEMENT S.A.R.L., LU
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[54] **RECIPIENT DE STOCKAGE ET DE FACONNAGE D'ALIMENTS MOUS POUR LE CONGELATEUR**
[72] LIBERMAN, MAYA, CA
[72] LIBERMAN, GREG, CA
[71] LIBERMAN, MAYA, CA
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[54] **APPARATUS INCLUDING PLACER-GOLD PROCESSING SYSTEM AND METHOD THEREFOR**
[54] **APPAREIL COMPORTANT UN SYSTEME DE TRAITEMENT D'OR PLACERIEN ET SON PROCEDE**
[72] JOHNS, BRENT, CA
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[54] **PROFESSIONAL SERVICE SCHEDULING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PROGRAMMATION DE SERVICES PROFESSIONNELS**
[72] GREEN, JORDAN, CA
[71] GREAT JUSTICE SYSTEMS INC., CA
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[25] EN
[54] **SHEET MATERIAL CUTTING DEVICE USING A WIRE PINCHED BETWEEN TWO ROLLERS**
[54] **DISPOSITIF DE COUPE DE MATERIAU EN FEUILLES UTILISANT UN FIL PINCE ENTRE DEUX ROULEAUX**
[72] SHAPIRO, ARTHUR D., CA
[71] SHAPIRO, ARTHUR D., CA
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[54] **PROTECTIVE BIKE COVER**
[54] **HOUSSE DE PROTECTION POUR VELO**
[72] NICHOLSON, WINFRED F., US
[71] NICHOLSON, WINFRED F., US
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[51] **Int.Cl. E04F 21/24 (2006.01) E01C 19/44 (2006.01) E04F 21/16 (2006.01)**
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[54] **CONCRETE TOOL**
[54] **OUTIL POUR BETON**
[72] CERNEY, TORY F., CA
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[54] **METHOD OF DOCUMENTING A POSITION OF AN UNDERGROUND UTILITY**
[54] **PROCEDE DE DOCUMENTATION D'UNE POSITION D'UNE INSTALLATION SOUTERRAINE**
[72] LAKE, FREDERICK D., CA
[71] LAKE, FREDERICK D., CA
[22] 2014-06-30
[41] 2015-12-30

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[13] A1
[51] **Int.Cl. B64D 35/06 (2006.01) B64C 11/48 (2006.01)**
[25] EN
[54] **CONTRA-ROTATING OPEN FAN PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION A SOUFFLANTE OUVERTE CONTRAROTATIVE**
[72] GOLSHANY, SINA S., US
[72] HUNTLY, DAVID MILES, US
[72] BLOM, ADRIANA W., US
[72] ERICKSON, TODD R., US
[72] TRETOW, PAUL R., US
[71] THE BOEING COMPANY, US
[22] 2014-06-30
[41] 2015-12-30

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[13] A1
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 18/16 (2006.01) C04B 26/04 (2006.01) C10C 3/14 (2006.01) E01C 19/05 (2006.01)**
[25] FR
[54] **BITUMINOUS COATING CONTAINING SAND FROM RECYCLED ASPHALT SHINGLES**
[54] **ENROBE BITUMINEUX COMPRENANT DES SABLE DE BARDEAUX D'ASPHALTE RECYCLES**
[72] NOEL, FREDERIC, CA
[71] COLASCANADA INC., CA
[22] 2014-06-30
[41] 2015-12-30

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[13] A1
[51] **Int.Cl. B65D 65/38 (2006.01)**
[25] EN
[54] **CAMOBAC**
[54] **CAMOBAC**
[72] DESJARDINS, RICHARD, CA
[71] DESJARDINS, RICHARD, CA
[22] 2014-06-30
[41] 2015-12-30

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[13] A1
[51] **Int.Cl. B32B 5/12 (2006.01) B27M 3/06 (2006.01) B32B 21/10 (2006.01) E04F 15/02 (2006.01) E04F 15/022 (2006.01)**
[25] EN
[54] **COMPOSITE ENGINEERED WOOD MATERIAL PIECE COMPOSED OF AN HDF MID-LAYER AND AN OSB BOTTOM LAYER**
[54] **MORCEAU DE MATERIAU EN BOIS D'INGENIERIE COMPOSITE COMPOSE D'UNE COUCHE INTERMEDIAIRE DE PANNEAU DE FIBRES HAUTE DENSITE ET D'UNE COUCHE INFERIEURE DE PANNEAU DE LAMELLES ORIENTEES**
[72] ROY, FRANCOIS, CA
[71] BOA-FRANC S.E.N.C., CA
[22] 2014-06-30
[41] 2015-12-30

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[13] A1
[51] **Int.Cl. B65D 5/43 (2006.01) B65D 5/38 (2006.01)**
[25] EN
[54] **CHILD-RESISTANT PACKAGE**
[54] **EMBALLAGE DE PROTECTION-ENFANT**
[72] SKINNER, JOHN, CA
[71] INGERSOLL PAPER BOX CO., LIMITED, CA
[22] 2014-07-02
[41] 2016-01-01
[30] US (14/321,580) 2014-07-01

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[13] A1
[51] **Int.Cl. F24H 1/18 (2006.01) F24H 1/44 (2006.01)**
[25] EN
[54] **INDIRECTLY HEATED, STORAGE WATER HEATER SYSTEM**
[54] **SYSTEME DE CHAUFFE-EAU A RESERVOIR DE STOCKAGE A CHAUFFAGE INDIRECT**
[72] MALONE, CORY T., US
[72] HUBBARD, MICHAEL J., US
[71] PVI INDUSTRIES, LLC, US
[22] 2014-07-30
[41] 2016-01-01
[30] US (14/320,802) 2014-07-01

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[13] A1
[51] **Int.Cl. C07C 69/736 (2006.01)**
[25] EN
[54] **SYNTHESIS OF CALEBIN-A AND ITS BIOLOGICALLY ACTIVE ANALOGS**
[54] **SYNTHESE DE LA CALEBINE A ET SES ANALOGUES BIOLOGIQUEMENT ACTIFS**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, ANJU, US
[72] THOMAS, SAMUEL MANOHARAN, IN
[71] MAJEED, MUHAMMED, US
[71] NAGABHUSHANAM, KALYANAM, US
[71] MAJEED, ANJU, US
[71] THOMAS, SAMUEL MANOHARAN, IN
[22] 2014-07-30
[41] 2016-01-01
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[13] A1
[51] **Int.Cl. B62D 25/16 (2006.01) B60D 1/58 (2006.01) B62D 25/18 (2006.01)**
[25] EN
[54] **MUD FLAP ASSEMBLIES**
[54] **ENSEMBLES PARE-BOUE**
[72] SCHMEICHEL, CHARLES M., US
[72] ALTHOFF, CHRISTOPHER D, US
[72] WOCK, SHAWN J., US
[71] AGRI-COVER, INC., US
[22] 2014-08-07
[41] 2016-01-02
[30] US (14/322,379) 2014-07-02

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[51] **Int.Cl. B23B 45/00 (2006.01) A01K 97/01 (2006.01)**
[25] EN
[54] **ICE DRILL**
[54] **FOREUSE A GLACE**
[72] FELDMANN, CLIFFORD DEAN, US
[71] FELDMANN ENGINEERING & MFG. CO., INC., US
[22] 2014-12-23
[41] 2015-12-27
[30] US (14/318,225) 2014-06-27
[30] US (14/580,047) 2014-12-22

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[51] **Int.Cl. E21B 17/18 (2006.01) E21B 17/042 (2006.01) F16L 9/19 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **MULTI-FLOW PIPE AND PIPE COUPLINGS THEREFOR FOR USE IN FRACTURE FLOW HYDROCARBON RECOVERY PROCESSES**
[54] **TUYAU MULTI-ECOULEMENT ET RACCORDS DE TUYAU CORRESPONDANT POUR UTILISATION DANS DES PROCEDES DE RECUPERATION D~HYDROCARBURES D~ECOULEMENT DE FRACTURES**
[72] AYASSE, CONRAD, CA
[71] IOR CANADA LTD., CA
[22] 2015-03-16
[41] 2016-01-02
[30] CA (2,855,417) 2014-07-02

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[13] A1
[51] **Int.Cl. B64F 5/00 (2006.01) B60P 7/08 (2006.01) B64C 1/20 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **FLIGHT TEST EQUIPMENT INSTALLATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INSTALLATION D'EQUIPEMENT D'ESSAIS EN VOL**
[72] BROWN, LUKE, US
[71] THE BOEING COMPANY, US
[22] 2015-04-08
[41] 2015-12-30
[30] US (14/320,297) 2014-06-30

[21] **2,887,478**
[13] A1
[51] **Int.Cl. E04B 1/62 (2006.01) B32B 3/08 (2006.01) B32B 3/16 (2006.01) E04B 1/64 (2006.01)**
[25] EN
[54] **BUILDING MEMBRANE WITH DRAINAGE MATRIX AND HORIZONTAL ADHESIVE PORTIONS**
[54] **MEMBRANE POUR BATIMENTS AVEC MATRICE DE DRAINAGE ET PARTIES ADHESIVES HORIZONTALES**
[72] SNYDER, LELAND D., US
[72] NOLAN, KEVIN, US
[71] VAPROSHIELD, LLC, US
[22] 2015-04-07
[41] 2016-01-01
[30] US (61/998,542) 2014-07-01
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[13] A1
[51] **Int.Cl. B26D 1/143 (2006.01) B23P 15/28 (2006.01) D21D 1/00 (2006.01)**
[25] EN
[54] **BLADE ELEMENT FOR REFINER**
[54] **ELEMENT DE LAME POUR RAFFINEUR**
[72] LOIJAS, MARKO, FI
[72] KONONEN, TIMO, FI
[72] KAARINEVA, MATTI, FI
[71] VALMET TECHNOLOGIES, INC., FI
[22] 2015-04-13
[41] 2015-12-30
[30] FI (20145629) 2014-06-30

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **A METHOD FOR EVALUATING MANPOWER COST USING AN INFORMATION SYSTEM AND A COMPUTER-READABLE RECORDING MEDIA AND A COMPUTER PROGRAM PRODUCT THEREFOR**
[54] **PROCEDE D'EVALUATION DES COUTS DE MAIN-D'OEUVRE AU MOYEN D'UN SYSTEME D'INFORMATION ET D'UN SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR ET PRODUIT-PROGRAMME D'ORDINATEUR ASSOCIE**
[72] CHEN, CHING-I, TW
[71] CHEN, CHING-I, TW
[22] 2015-05-05
[41] 2015-12-30
[30] TW (103122582) 2014-06-30

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[21] **2,892,207**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/24 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **IMPROVED DEVICE FOR WETTING A DOSE OF GROUND COFFEE IN COFFEE MACHINES HAVING A HEATING ELEMENT ON THE DISPENSER UNIT, AND WETTING PROCESS**
[54] **DISPOSITIF AMELIORE POUR MOUILLER UNE DOSE DE CAFE MOULU DANS DES MACHINES A CAFE COMPORTANT UN ELEMENT CHAUFFANT SUR L~ENSEMBLE DE DISTRIBUTION ET PROCEDE DE MOUILLAGE**
[72] SAMPAOLI, DAVIDE, IT
[72] CASALI, ANDREA, IT
[71] GRUPPO CIMBALI S.P.A., IT
[22] 2015-05-20
[41] 2015-12-27
[30] IT (MI2014A001182) 2014-06-27

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[13] A1
[51] **Int.Cl. G01S 19/08 (2010.01) G08G 5/00 (2006.01) G08G 5/02 (2006.01)**
[25] EN
[54] **PORTABLE GROUND BASED AUGMENTATION SYSTEM**
[54] **SYSTEME DE RENFORCEMENT AU SOL PORTATIF**
[72] FRIEDMAN, ROGER E, US
[72] BOOTH, JANET SUZANNE, US
[71] THE BOEING COMPANY, US
[22] 2015-05-25
[41] 2015-12-30
[30] US (14/319,363) 2014-06-30

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[13] A1
[51] **Int.Cl. C08L 51/08 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **ACTINIC RADIATION AND MOISTURE DUAL CURABLE COMPOSITION**
[54] **COMPOSITION A DOUBLE DURCISSEMENT PAR RAYONNEMENT ACTINIQUE ET A L~HUMIDITE**
[72] RAHIM, MARUFUR, US
[72] NEBIOGLU, AYSEGUL KASCATAN, US
[72] NEBIOGLU, AHMET, US
[72] AUDIA, MARIA FE ATON, US
[71] DYMAX CORPORATION, US
[22] 2015-05-26
[41] 2015-12-27
[30] US (14/316,152) 2014-06-27

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[21] **2,893,171**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **COMPOSITE DRIVE BEAM FOR SURGICAL STAPLING**
[54] **BARRE CONDUCTRICE COMPOSITE POUR AGRAFAGE CHIRURGICAL**
[72] NICHOLAS, DAVID A., US
[72] BEARDSLEY, JOHN W., US
[72] PRIBANIC, RUSSELL, US
[71] COVIDIEN LP, US
[22] 2015-05-29
[41] 2016-01-01
[30] US (62/019,560) 2014-07-01
[30] US (14/507,886) 2014-10-07

[21] **2,893,172**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **LOADING UNIT INCLUDING SHIPPING ASSEMBLY**
[54] **UNITE DE CHARGEMENT COMPORTANT UN ENSEMBLE D'EXPEDITION**
[72] SCIRICA, PAUL, US
[72] WILLIAMS, JUSTIN, US
[72] MOZDZIERZ, PATRICK, US
[72] PENNA, CHRISTOPHER, US
[71] COVIDIEN LP, US
[22] 2015-05-29
[41] 2016-01-01
[30] US (14/321,336) 2014-07-01

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[21] **2,893,644**
[13] A1
[51] **Int.Cl. E21B 33/06 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **BLOWOUT PREVENTER STORAGE, TRANSPORT AND LIFT SKID ASSEMBLY**
[54] **ENSEMBLE DE STOCKAGE, DE TRANSPORT ET DE SOULEVEMENT DE BLOCS D~OBTURATION DE PUITS**
[72] VOGT, DEWAYNE, US
[72] HEIDEMANN, SHELBY, US
[71] WOOLSLAYER COMPANIES, INC., US
[22] 2015-06-01
[41] 2015-12-27
[30] US (62/017,976) 2014-06-27
[30] US (14/718,284) 2015-05-21

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[21] **2,893,715**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **QUICK COUPLING FOR FLEXIBLE TUBE**
[54] **RACCORD RAPIDE POUR TUBE FLEXIBLE**
[72] HARNETIAUX, TRAVIS L., US
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2015-06-03
[41] 2016-01-01
[30] US (14/320,838) 2014-07-01

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[21] **2,893,903**
[13] A1
[51] **Int.Cl. G01V 1/133 (2006.01)**
[25] EN
[54] **PNEUMATIC CONTROL FOR MARINE SEISMIC SOURCE AND METHOD**
[54] **COMMANDE PNEUMATIQUE POUR SOURCE ET PROCEDE SISMIQUES MARINS**
[72] RICHELMI, DORIAN, FR
[72] SAUTRON, FREDERIC, FR
[71] SERCEL, FR
[22] 2015-06-05
[41] 2015-12-30
[30] US (62/018876) 2014-06-30
[30] US (14/576624) 2014-12-19

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[13] A1
[51] **Int.Cl. G01D 9/00 (2006.01) B64D 47/00 (2006.01) B64F 5/00 (2006.01)**
[25] EN
[54] **DATA COLLECTION APPARATUS, DATA COLLECTION SYSTEM AND METHOD FOR DATA COLLECTION IN VEHICLES**
[54] **APPAREIL DE COLLECTE DE DONNEES, SYSTEME DE COLLECTE DE DONNEES ET PROCEDE DE COLLECTE DE DONNEES DANS DES VEHICULES**
[72] SCHALKE, OLIVER, DE
[72] FORGEAU, BENJAMIN, DE
[72] BARBERET, VINCENT, FR
[72] BELTRAND, FRANCOIS, FR
[71] AIRBUS OPERATIONS GMBH, DE
[71] AIRBUS OPERATIONS S.A.S., FR
[22] 2015-06-05
[41] 2015-12-30
[30] EP (14174912.7) 2014-06-30

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[13] A1
[51] **Int.Cl. E21B 19/20 (2006.01) E21B 7/02 (2006.01) E21B 15/00 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **MOBILE SERVICE RIG WITH INTEGRATED PIPE HANDLING ASSEMBLY**
[54] **PLATEFORME D'ENTRETIEN MOBILE AVEC ENSEMBLE DE MANUTENTION DE TUYAUX INTEGRE**
[72] KOS, DUSTIN, CA
[72] BELANGER, MARLIN, CA
[72] KURASH, PRESTON, CA
[71] OPTION INDUSTRIES INC., CA
[22] 2015-06-09
[41] 2015-12-27
[30] US (62/018,293) 2014-06-27

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[13] A1
[51] **Int.Cl. B66B 9/04 (2006.01) B66B 11/00 (2006.01) F15B 1/04 (2006.01) F16F 15/00 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **NOISE ABATEMENT FOR ELEVATOR SUBMERSIBLE POWER UNITS**
[54] **REDUCTION DE BRUIT POUR BLOCS D'ALIMENTATION SUBMERSIBLES D'ASCENSEUR**
[72] HAMLETT, ANTHONY FRANK, US
[72] BAILEY, AARON, US
[72] JACKSON, CHRIS B., US
[72] WALKER, ROY J., US
[71] THYSSENKRUPP ELEVATOR CORPORATION, US
[22] 2015-06-12
[41] 2015-12-30
[30] US (14/320596) 2014-06-30

[21] **2,894,117**
[13] A1
[51] **Int.Cl. G10L 15/08 (2006.01) G10L 15/183 (2013.01) B64D 13/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **AUDIO COMMAND INTENT DETERMINATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'INTENTION DE COMMANDE AUDIO**
[72] KAR, SATYANARAYAN, US
[72] MEAD, STEPHEN, US
[72] MAZUMDAR, ANUPAM, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-06-10
[41] 2016-01-01
[30] US (14/321,562) 2014-07-01

[21] **2,894,118**
[13] A1
[51] **Int.Cl. H01P 1/11 (2006.01) H05K 10/00 (2006.01) H04B 7/185 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **PROTECTION SWITCHING FOR MATRIX OF FERRITE MODULES WITH REDUNDANT CONTROL**
[54] **COMMUTATION DE PROTECTION POUR MATRICE DE MODULES DE FERRITE AVEC COMMANDE REDONDANTE**
[72] FORNEY, SEAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-06-10
[41] 2016-01-01
[30] US (14/321,229) 2014-07-01

[21] **2,894,119**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G08B 29/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING CONTEXT SENSITIVE HELP FOR ALARM SYSTEM INSTALLATION**
[54] **SYSTEME ET METHODE DE COMMUNICATION D'AIDE SENSIBLE AU CONTEXTE POUR UNE INSTALLATION DE SYSTEME D'ALARME**
[72] PARK, ARTHUR TONY, US
[72] RAESIDE, RUSSELL, US
[72] PROBIN, ROBERT JOHN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-06-10
[41] 2016-01-02
[30] US (14/322,197) 2014-07-02

[21] **2,894,175**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) B81B 1/00 (2006.01) F04B 13/00 (2006.01)**
[25] EN
[54] **INTERNAL CAM METERING PUMP**
[54] **POMPE DE DOSAGE DE CAME INTERNE**
[72] FOCHT, KENNETH, US
[72] GORDON, JOSEPH, US
[72] FISK, JUSTIN, US
[72] PERRY, MATTHEW J., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2015-06-12
[41] 2016-01-02
[30] US (14/322,432) 2014-07-02

[21] **2,894,310**
[13] A1
[51] **Int.Cl. G01S 19/28 (2010.01)**
[25] EN
[54] **ADAPTIVE SATELLITE SEARCH SUCCESSION**
[54] **SUCCESSION DE RECHERCHE DE SATELLITES ADAPTATIVE**
[72] SKALICKY, JAKUB, US
[72] RAASAKKA, JUSSI, US
[72] OREJAS, MARTIN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2015-06-10
[41] 2015-12-30
[30] US (14/319,572) 2014-06-30

[21] **2,894,360**
[13] A1
[51] **Int.Cl. B66B 9/04 (2006.01) B66B 5/00 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **UNDER CAR POWER UNIT**
[54] **BLOC D'ALIMENTATION SOUS CABINE D'ASCENSEUR**
[72] HAMLETT, ANTHONY FRANK, US
[72] BAILEY, AARON, US
[72] JACKSON, CHRIS B., US
[72] CHOI, SANG, US
[71] THYSSENKRUPP ELEVATOR CORPORATION, US
[22] 2015-06-16
[41] 2015-12-30
[30] US (14/320439) 2014-06-30

[21] **2,894,367**
[13] A1
[51] **Int.Cl. B26B 27/00 (2006.01) A47J 17/00 (2006.01) B26D 1/02 (2006.01)**
[25] EN
[54] **SLICER**
[54] **TRANCHEUSE**
[72] YAMAMOTO, HAJIME, JP
[71] BENRINER CO., LTD., JP
[22] 2015-06-15
[41] 2015-12-30
[30] JP (2014-133575) 2014-06-30

[21] **2,894,624**
[13] A1
[51] **Int.Cl. E04F 13/24 (2006.01)**
[25] EN
[54] **BUILDING PANEL CONNECTOR**
[54] **RACCORD DE PANNEAU DE CONSTRUCTION**
[72] GLANCY, BRIAN, CA
[72] VAIL TAYLOR, US
[71] KINGSPAN INSULATED PANELS, INC., US
[22] 2015-06-17
[41] 2015-12-28
[30] US (14/318,617) 2014-06-28

[21] **2,894,788**
[13] A1
[51] **Int.Cl. H02K 1/30 (2006.01) H02K 16/00 (2006.01)**
[25] EN
[54] **PERMANENT MAGNET MACHINE**
[54] **MACHINE A AIMANTS PERMANENTS**
[72] JOSHI, NARENDRA DIGAMBER, US
[72] SHAH, MANOJ RAMPRASAD, US
[72] BRAY, JAMES WILLIAM, US
[72] VONDRELL, RANDY MARINUS, US
[72] MURROW, KURT DAVID, US
[72] HAMEL, JEFFREY ANTHONY, US
[72] MARTIN, SAMUEL JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-06-18
[41] 2015-12-27
[30] US (14/317,294) 2014-06-27

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[21] **2,894,800**
[13] A1
[51] **Int.Cl. E04B 9/22 (2006.01)**
[25] EN
[54] **TRIM ASSEMBLY FOR A FLEXIBLE PANEL IN A FALSE CEILING**
[54] **ENSEMBLE DE GARNITURE POUR PANNEAU SOUPLE DANS UN FAUX PLAFOND**
[72] BOWEN, JOHN, US
[71] BOWEN, JOHN, US
[22] 2015-06-17
[41] 2016-01-02
[30] US (14/322098) 2014-07-02

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[13] A1
[51] **Int.Cl. E21B 33/124 (2006.01) E21B 23/06 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **STRADDLE PACKER SYSTEM**
[54] **SYSTEME DE GARNITURE A SOUPAPE A DEUX ETAGES**
[72] NETTLES, DAMON HENRY, US
[72] MITCHELL, MICHAEL WILBERT, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-06-18
[41] 2015-12-27
[30] US (14/318,147) 2014-06-27

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[21] **2,894,848**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **CENTRALIZER**
[54] **CENTREUR**
[72] RODRIQUE, MAXIME R., US
[72] DUFRENE, PHILIP E., US
[72] MARTIN, BEAU H., US
[72] KIESS, CHRISTIAN, DE
[72] HELMS, MARTIN, DE
[72] KYZAR, ADAM, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-06-18
[41] 2015-12-27
[30] US (62/018,246) 2014-06-27

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[13] A1
[51] **Int.Cl. G01C 11/00 (2006.01)**
[25] EN
[54] **METHOD OF DOCUMENTING A POSITION OF AN UNDERGROUND UTILITY**
[54] **PROCEDE POUR DOCUMENTER UNE POSITION D'UN RESEAU D'ALIMENTATION SOUTERRAIN**
[72] LAKE, FREDERICK D., CA
[71] LAKE, FREDERICK D., CA
[22] 2015-06-22
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[30] CA (2855414) 2014-06-30
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[51] **Int.Cl. A47G 33/06 (2006.01) H01R 4/66 (2006.01) H01R 13/64 (2006.01) H01R 13/703 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **SAFETY GROUNDED TREE**
[54] **ARBRE A PRISE DE TERRE DE SECURITE**
[72] MCRAE, MICHAEL M., US
[71] NCP CORPORATION, US
[22] 2015-06-23
[41] 2015-12-27
[30] US (14317291) 2014-06-27

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[13] A1
[51] **Int.Cl. B26B 27/00 (2006.01) A47J 17/00 (2006.01) B26D 1/02 (2006.01)**
[25] EN
[54] **SLICER**
[54] **TRANCHEUSE**
[72] YAMAMOTO, HAJIME, JP
[71] BENRINER CO., LTD., JP
[22] 2015-06-18
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[30] JP (2014-133578) 2014-06-30
[30] JP (2014-186320) 2014-09-12
[30] JP (2015-100019) 2015-05-15

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[13] A1
[51] **Int.Cl. H02K 15/00 (2006.01) H02K 3/38 (2006.01)**
[25] EN
[54] **AN ARRANGEMENT FOR MANUFACTURING A HEAD WINDING CAP**
[54] **AGENCEMENT DE FABRICATION D'UN CAPUCHON DE TETE DE BOBINE**
[72] BARIL, YANNICK, CA
[72] FIGUEROA, JOSE, CA
[72] SABOURIN, MICHEL, CA
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2015-06-18
[41] 2015-12-27
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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **TURBINE SHROUD WITH SEALED BLADE TRACK**
[54] **CARTER DE TURBINE AVEC PISTE DE PALE ETANCHE**
[72] FREEMAN, TED J., US
[72] LAMUSGA, JOSEPH P., US
[72] SIPPEL, AARON D., US
[72] THOMAS, DAVID J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2015-06-22
[41] 2015-12-27
[30] US (62/018,155) 2014-06-27

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H02M 3/04 (2006.01) H02M 7/04 (2006.01)**
[25] EN
[54] **CONTROLLING LED CURRENT FROM A CONSTANT VOLTAGE SOURCE**
[54] **COMMANDE D'UN COURANT A DEL A PARTIR D'UNE SOURCE DE TENSION CONSTANTE**
[72] CHOWDHURY, TOWFIQ, US
[72] CHEN, FENG, US
[71] JUNO MANUFACTURING, LLC, US
[22] 2015-06-23
[41] 2015-12-27
[30] US (14/317,621) 2014-06-27

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[13] A1
[51] **Int.Cl. F28D 1/047 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RADIAL TUBULAR DUCT HEAT EXCHANGERS**
[54] **PROCEDE ET SYSTEME POUR ECHANGEURS DE CHALEUR A CONDUITS TUBULAIRES RADIAUX**
[72] KUPISZEWSKI, THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-06-25
[41] 2015-12-30
[30] US (62/018,902) 2014-06-30

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[13] A1
[51] **Int.Cl. F03D 7/00 (2006.01) F16F 15/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS TO OPERATE A WIND TURBINE SYSTEM**
[54] **PROCEDES ET SYSTEMES POUR FAIRE FONCTIONNER UN SYSTEME D'EOLIENNE**
[72] DESHPANDE, AMEET SHRIDHAR, US
[72] AGARWAL, PRANAV, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-06-25
[41] 2015-12-30
[30] US (14/319,269) 2014-06-30

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **STERILE READY-TO-USE SURGICAL TOOL AND ATTACHMENT SYSTEM**
[54] **OUTIL CHIRURGICAL STERILE PRET-A-L'EMPLOI ET MECANISME DE FIXATION**
[72] AMAN, PETER M., US
[72] ACEVEDO, RICHARD, US
[71] AMAN, PETER M., US
[71] ACEVEDO, RICHARD, US
[22] 2015-06-26
[41] 2016-01-02
[30] US (62/020,387) 2014-07-02
[30] US (14/746,841) 2015-06-23

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[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SEAMLESS PROGRESSION OF CREDIT RELATED PROCESSES ON A MOBILE DEVICE**
[54] **PROGRESSION TRANSPARENTE DE PROCESSUS ASSOCIES AU CREDIT SUR UN APPAREIL MOBILE**
[72] DONOVAN, JAMES EVERSOLE, US
[72] NACK, DAVID, US
[71] COMENITY LLC, US
[22] 2015-06-23
[41] 2016-01-02
[30] US (62/020324) 2014-07-02
[30] US (14/738577) 2015-06-12

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[51] **Int.Cl. H04N 21/441 (2011.01) H04N 21/40 (2011.01) H04N 21/431 (2011.01) H04N 21/4363 (2011.01)**
[25] EN
[54] **PROVIDING CONTENT TO A PORTABLE DEVICE ACROSS MULTIPLE NETWORK CONNECTIONS**
[54] **FOURNITURE DE CONTENU A UN DISPOSITIF PORTATIF SUR PLUSIEURS CONNEXIONS DE RESEAU**
[72] HUANG, HELEN, CA
[72] SHARIFI, HAKI, CA
[72] SNYDER, CHRIS, CA
[72] SANTOS, PETER, CA
[72] TSE, THEODORE, CA
[71] BCE INC., CA
[22] 2015-06-26
[41] 2015-12-27
[30] US (62/018,065) 2014-06-27

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[13] A1
[51] **Int.Cl. F16L 55/162 (2006.01) F16L 55/165 (2006.01)**
[25] EN
[54] **MEANS FOR THE REHABILITATION OF A CONNECTING PORTION BETWEEN A MAIN PIPELINE AND A BRANCH PIPELINE, METHOD FOR THE REHABILITATION OF A CONNECTING PORTION AND REHABILITATION SYSTEMFOR THE REHABILITATON OF A CONNECTING PORTION**
[54] **MOYENS DE REMISE EN ETAT D'UNE PARTIE DE RACCORDEMENT ENTRE UNE CANALISATION PRINCIPALE ET UNE CANALISATION SECONDAIRE, PROCEDE DE REMISE EN ETAT D'UNE PARTIE DE RACCORDEMENT ET SYSTEME DE REMISE EN ETAT D'UNE PARTIE DE RACCORDEMENT**
[72] BICHLER, ANDREAS, AT
[71] TRELLEBORG PIPE SEALS DUISBURG GMBH, DE
[22] 2015-06-23
[41] 2015-12-27
[30] DE (10 2014 109 074.8) 2014-06-27
[30] US (14/461,509) 2014-08-18

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERSONALIZED ADD-ON PURCHASE**
[54] **SYSTEME ET PROCEDE POUR ACHAT SUPPLEMENTAIRE PERSONNALISE**
[72] BURR, JONATHAN R., US
[72] SRINIVASAN, MUKUND, US
[71] SEARS BRANDS, L.L.C., US
[22] 2015-06-29
[41] 2016-01-01
[30] US (14/321,328) 2014-07-01

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[51] **Int.Cl. G01V 1/22 (2006.01) E21B 47/14 (2006.01) E21B 47/16 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **ACOUSTIC DATA COMPRESSION TECHNIQUE**
[54] **TECHNIQUE DE COMPRESSION DE DONNEES ACOUSTIQUES**
[72] MICKAEL, MEDHAT, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2015-06-29
[41] 2016-01-02
[30] US (62/020,085) 2014-07-02

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[13] A1
[51] **Int.Cl. F28D 1/047 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RADIAL TUBULAR HEAT EXCHANGERS**
[54] **PROCEDE ET SYSTEME POUR ECHANGEURS DE CHALEUR TUBULAIRES RADIAUX**
[72] MARTINEZ, RAMON, US
[72] BREIG, BENJAMIN PAUL, US
[72] JOERGER, KEITH ALAN, US
[72] WILSON, GREGG HUNT, US
[72] HURT, MATTHEW JOHN, US
[72] CORSMEIER, DONALD MICHAEL, US
[72] JOHNSON, PAUL CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1
[51] **Int.Cl. F16H 55/06 (2006.01) F16H 55/12 (2006.01)**
[25] EN
[54] **GEAR MADE FROM FIRST AND SECOND MATERIALS**
[54] **ENGRENAGE FAIT D'UN PREMIER ET D'UN DEUXIEME MATERIAUX**
[72] ROBERTS, HERBERT CHIDSEY, III, US
[72] TAXACHER, GLENN CURTIS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-06-26
[41] 2016-01-02
[30] US (62/019,962) 2014-07-02
[30] US (14/657,446) 2015-03-13

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[13] A1
[51] **Int.Cl. C10G 33/00 (2006.01)**
[25] EN
[54] **HYDROSTATIC OIL TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'HUILE HYDROSTATIQUE**
[72] WARNER, MICHAEL, CA
[72] ANDRES, DEAN, CA
[71] BLACK SUEDE HYDRO CARBON PROCESSING LTD., CA
[22] 2015-06-29
[41] 2015-12-27
[30] US (62/018,082) 2014-06-27

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[13] A1
[51] **Int.Cl. B22F 7/02 (2006.01) B23P 15/04 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **COATED GAS TURBINE ENGINE COMPONENTS**
[54] **COMPOSANTS DE MOTEUR DE TURBINE A GAZ REVETUS**
[72] SHUCK, QUINLAN Y., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2015-06-25
[41] 2015-12-30
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[51] **Int.Cl. C23C 8/12 (2006.01) C23C 8/02 (2006.01) C23C 8/80 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **COATING FOR ISOLATING METALLIC COMPONENTS FROM COMPOSITE COMPONENTS**
[54] **REVETEMENT POUR ISOLER DES COMPOSANTS METALLIQUES DE COMPOSANTS COMPOSITES**
[72] LANDWEHR, SEAN E., US
[72] SHIM, SUNGBO, US
[72] CHAMBERLAIN, ADAM L., US
[72] BOLCAVAGE, ANN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2015-06-25
[41] 2015-12-30
[30] US (62/018,712) 2014-06-30

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[13] A1
[51] **Int.Cl. H04H 60/33 (2009.01) H04N 21/40 (2011.01) H04N 21/441 (2011.01)**
[25] EN
[54] **CONTENT CONSUMPTION MONITORING**
[54] **SURVEILLANCE DE CONSOMMATION DE CONTENU**
[72] HUANG, HELEN, CA
[72] SHARIFI, HAKI, CA
[72] SNYDER, CHRIS, CA
[72] CHERNUKHINA, OLENA, CA
[72] SANTOS, PETER, CA
[72] TSE, THEODORE, CA
[71] BCE INC., CA
[22] 2015-06-26
[41] 2015-12-27
[30] US (62/018,045) 2014-06-27

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[13] A1
[51] **Int.Cl. F01D 21/14 (2006.01) F01D 17/06 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **MULTIVARIABLE FEEDFORWARD CONTROL**
[54] **COMMANDE DE CORRECTION AVAL MULTIVARIABLE**
[72] LI, GUOXIN, US
[72] CARPENTER, R. SHELDON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-06-26
[41] 2015-12-30
[30] US (62/019,268) 2014-06-30

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **BISPECIFIC HETERODIMERIC DIABODIES AND USES THEREOF**
[54] **DIABODIES HETERODIMERES BISPECIFIQUES ET LEURS UTILISATIONS**
[72] MAY, CHAD MICHAEL, US
[72] ROOT, ADAM REID, US
[72] BRADY, WILLIAM A., US
[72] TCHISTIAKOVA, LIOUDMILA GENNADIEVNA, US
[72] MOSYAK, LIDIA, US
[72] BLOOM, LAIRD, US
[72] MOORE, PAUL A., US
[72] JOHNSON, LESLIE S., US
[71] PFIZER INC., US
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[41] 2016-01-01
[30] US (62/019,762) 2014-07-01
[30] US (62/148,920) 2015-04-17

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[13] A1
[51] **Int.Cl. B29B 17/00 (2006.01) B09B 3/00 (2006.01)**
[25] FR
[54] **RECYCLING DEVICE AND METHOD OF COMPOSITE MATERIALS WITH REINFORCEMENTS AND MATRIX USING PULSED POWER**
[54] **DISPOSITIF ET PROCEDE DE RECYCLAGE PAR PUISSANCE PULSEE DE MATERIAUX COMPOSITES A RENFORTS ET MATRICE**
[72] BENTAJ, ABDELAZIZ, FR
[72] DEMARET, GAUTHIER, FR
[72] BENTAJ, MOURAD, FR
[71] CAMILLE COMPAGNIE D'ASSISTANCE MINIERE ET INDUSTRIELLE, FR
[22] 2015-06-23
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[51] **Int.Cl. B67D 7/34 (2010.01) B67D 7/02 (2010.01) B67D 7/08 (2010.01) B67D 7/24 (2010.01) B65B 1/04 (2006.01) B65B 3/04 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPENSING AND SALE OF BULK PRODUCTS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION ET DE VENTE DE PRODUITS EN VRAC**
[72] ARCAND, MARTIN, CA
[71] ARCAND, MARTIN, CA
[22] 2015-06-26
[41] 2015-12-27
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[13] A1
[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/24 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMETRIE DE FOND**
[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2015-06-25
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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/24 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMETRIE DE FOND**
[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2015-06-25
[41] 2015-12-27
[30] US (62/018,403) 2014-06-27

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[13] A1
[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/24 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMETRIE DE FOND**
[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2015-06-25
[41] 2015-12-27
[30] US (62/018,409) 2014-06-27

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[13] A1
[51] **Int.Cl. B60P 7/06 (2006.01) B60P 7/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR MOVABLY SUPPORTING A SEPARATION MEMBER**
[54] **SYSTEME PERMETTANT DE SOUTENIR DE MANIERE AMOVIBLE UN ELEMENT DE SEPARATION**
[72] KNOX, HOWARD T., US
[71] ANCRA INTERNATIONAL LLC, US
[22] 2015-06-25
[41] 2015-12-27
[30] US (62/018219) 2014-06-27

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[13] A1
[51] **Int.Cl. E06B 9/325 (2006.01)**
[25] EN
[54] **COMBINATION WINDOW SASH LOCK AND TILT MECHANISM**
[54] **MECANISME DE VERROUILLAGE ET D'INCLINAISON DE CHASSIS DE FENETRE COMBINE**
[72] SUBLISKEY, EDWARD J., US
[72] WORRELL, JIMMIE W., US
[71] TRUTH HARDWARE, US
[22] 2015-06-25
[41] 2015-12-27
[30] US (14/318.244) 2014-06-27

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[13] A1
[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/008 (2012.01)**
[25] EN
[54] **STRESS CALCULATIONS FOR SUCKER ROD PUMPING SYSTEMS**
[54] **CALCULS DE CONTRAINTES POUR DES SYSTEMES D'EXPLOITATION PAR POMPAGE**
[72] PONS, VICTORIA, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-06-29
[41] 2016-01-01
[30] US (62/019,742) 2014-07-01

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[13] A1
[51] **Int.Cl. F16L 3/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE BRACKET AND HUB FOR FLEXIBLE HOSE SUPPORT**
[54] **SUPPORT ET MOYEU REGLABLES POUR SUPPORT DE TUYAU FLEXIBLE**
[72] MITCHELL, STEPHEN, US
[72] DOOLEY, MIKE, US
[72] DAFONSECA, ODAIR, US
[72] RINGER, YORAM, US
[71] FLEXHEAD INDUSTRIES, INC., US
[22] 2015-06-26
[41] 2015-12-27
[30] US (62/017,911) 2014-06-27
[30] US (62/087,295) 2014-12-04

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[13] A1
[51] **Int.Cl. C09D 5/00 (2006.01) C09D 191/00 (2006.01)**
[25] EN
[54] **RELEASE AGENT COMPOSITION AND METHOD FOR COATING A SURFACE WITH A RELEASE AGENT COMPOSITION**
[54] **COMPOSITION D'AGENT ANTIADHERENT ET PROCEDE POUR REVETIR UNE SURFACE AVEC UNE COMPOSITION D'AGENT ANTIADHERENT**
[72] HYDE, LEO JOHN, AU
[72] FAWCETT, DAVID A., AU
[72] PAYNE, NICHOLAS OWEN, AU
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2015-06-30
[41] 2015-12-30
[30] AU (2014902510) 2014-06-30

[21] **2,895,863**
[13] A1
[51] **Int.Cl. B63H 23/08 (2006.01)**
[25] EN
[54] **TROLLING MOTOR WITH POWER STEERING**
[54] **PROPULSEUR ELECTRIQUE A DIRECTION ASSISTEE**
[72] BERNLOEHR, DARREL A., US
[72] SAMEK, DAVID M., US
[72] ALDERS, JUSTIN, US
[71] JOHNSON OUTDOORS INC., US
[22] 2015-06-29
[41] 2016-01-02
[30] US (62/020,159) 2014-07-02
[30] US (14/746,448) 2015-06-22

[21] **2,895,873**
[13] A1
[51] **Int.Cl. F16L 37/36 (2006.01)**
[25] EN
[54] **IN-LINE CONNECT BREAK AWAY HOSE COUPLER**
[54] **RACCORD DE TUYAU FLEXIBLE DETACHABLE A RACCORDEMENT EN LIGNE**
[72] BOOTHE, BRIAN, US
[72] BANKS, CALVIN, US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2015-06-30
[41] 2015-12-30
[30] US (62/018,934) 2014-06-30

[21] **2,895,877**
[13] A1
[51] **Int.Cl. B02C 13/04 (2006.01) A01D 34/00 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **ROTARY REDUCING MACHINE HAVING REDUCING ELEMENTS MOUNTED IN A PLURALITY OF BALANCED GROUPS**
[54] **MACHINE DE REDUCTION ROTATIVE COMPORTANT DES ELEMENTS REDUCTEURS MONTES DANS UNE PLURALITE DE GROUPES EQUILIBRES**
[72] DAINING, STEPHEN, US
[72] MUFF, DAVID, US
[72] WEINBERG, CLINT, US
[72] HE, KUN, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2015-06-29
[41] 2015-12-30
[30] US (62/018,984) 2014-06-30

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **PATIENT MANAGEMENT OF OCCULAR HEALTH INFORMATION**
[54] **GESTION D'INFORMATION SUR LA SANTE OCULAIRE D'UN PATIENT**
[72] STROUTHOS, POLYDOR, CA
[71] STROUTHOS, POLYDOR, CA
[22] 2015-06-30
[41] 2016-01-02
[30] US (62/020,069) 2014-07-02

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[13] A1
[51] **Int.Cl. F02C 9/18 (2006.01) B64D 13/02 (2006.01) B64D 33/00 (2006.01) F02C 3/06 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GEARED TURBOFAN ENGINE WITH LOW PRESSURE ENVIRONMENTAL CONTROL SYSTEM FOR AIRCRAFT**
[54] **TURBOREACTEUR A DOUBLE FLUX A ENGRENAGES AVEC SYSTEME DE REGULATION ENVIRONNEMENTALE A BASSE PRESSION POUR AERONEF**
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[71] UNITED TECHNOLOGIES CORPORATION, US
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[54] **DISTRIBUTEUR DE PRODUIT ENROULE**
[72] MORAND, MICHEL, CA
[71] CASCADES CANADA ULC, CA
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER ET DE CORRIGER DES EVENEMENTS D~ERREUR DE COMPTE DANS DES SYSTEMES D~ORDINATEURS EN RESEAU**
[72] DANIELAK, JAKUB, CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] DEL VECCHIO, ORIN, CA
[72] CHAN, PAUL MON-WAH, CA
[72] BARNETT, JONATHAN K., CA
[72] METWALLI, ASHRAF, CA
[72] HAMILTON, MATTHEW, CA
[72] BOR, CLARA, CA
[72] BARBOUR, WALLACE, CA
[71] THE TORONTO DOMINION BANK, CA
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER ET DE CORRIGER DES EVENEMENTS D~ERREUR DE COMPTE DANS DES SYSTEMES D~ORDINATEURS EN RESEAU**
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[54] **SYSTEME DE RINCAGE POUR UN SYSTEME DE LAVAGE DE SECURITE**
[72] EVELEIGH, ROBERT B., US
[72] BAKER, THOMAS R., US
[72] WEST, CAMERON, US
[71] MAGARL, LLC, US
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[54] **SYSTEM AND METHOD FOR DATA EXTRACTION AND SEARCHING**
[54] **SYSTEME ET PROCEDE POUR EXTRACTION ET RECHERCHE DE DONNEES**
[72] POWELL, CALVIN, US
[72] RUBIO, CHRIS, US
[72] KHAN, RAZA, US
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[54] **PLUNGER AND CADDY SYSTEM**
[54] **MECANISME DE PISTON ET PANIER**
[72] BUTTS, MARK, US
[72] TADIN, JEFF, US
[71] BUTLER HOME PRODUCTS, LLC, US
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[71] CAMPVALLEY (XIAMEN) CO., LTD., CN
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[54] **DISPOSITIF DE STABILISATION ET DE RETENUE DE REMORQUE**
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[71] STABILOCK, LLC, US
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[54] **SYSTEME ET PROCEDE DE CONTROLE DE MOUSSE SANS PRODUIT CHIMIQUE**
[72] EMKEY, WILLIAM LEWIS, US
[71] EMKEY, WILLIAM LEWIS, US
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[54] **METHOD FOR DETERMINING THE ALIGNMENT OF A LASER LIGHT BEAM REFERRED TO AN AXIS OF ROTATION OF A DEVICE THAT IS ROTATABLE AROUND THE AXIS OF ROTATION AND LASER LIGHT DETECTION DEVICE**
[54] **METHODE DE DETERMINATION DE L'ALIGNEMENT D'UN FAISCEAU LASER PAR RAPPORT A UN AXE DE ROTATION D'UN DISPOSITIF POUVANT PIVOTER AUTOUR DE L'AXE DE ROTATION ET DISPOSITIF DE ROTATIONDE FAISCEAU LASER**
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[54] **SYSTEME ET PROCEDE DE COMPTAGE DE TIGES DE FORAGE**
[72] LANE, PHILIP R., US
[71] VERMEER CORPORATION, US
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[54] **SINGLE-PLATFORM INTEGRATED AQUATIC SPECIES AND HABITAT SAMPLING SYSTEM**
[54] **ESPECES AQUATIQUES INTEGREES SUR UNE SEULE PLATEFORME ET DISPOSITIF D'ECHANTILLONNAGE D'HABITAT**
[72] MERZ, JOSEPH, US
[71] S.P. CRAMER & ASSOCIATES D/B/A CRAMER FISH SCIENCES, US
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[54] **PROCEDE ET SYSTEME D'IMAGERIE D'UNE FORMATION SOUTERRAINE**
[72] MACPHAIL, WARREN FOSTER PETER, CA
[72] HINRICHS, LARS, CA
[72] LARSON, GLENN ALLEN, CA
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[72] MODI, PANKAJ, CA
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[72] LEE, MAN SIG, KR
[72] BAE, MIN A., KR
[72] KIM, MYUNG HWAN, KR
[72] HA, SANG HO, KR
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[54] **MANOMETRE SANS FIL ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KEKALAINEN, FREDRIL, FI
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[54] **CERCLAGE PESSARY CONTAINING PROGESTERONE OF PROLONGED, SUSTAINED, AND CONTINUOUS RELEASE USEFUL FOR PREVENTION OF PRETERM BIRTH**
[54] **PESSAIRE DE CERCLAGE CONTENANT DE LA PROGESTERONE A LIBERATION PROLONGEE, SOUTENUE ET CONTINUE UTILE POUR LA PREVENTION D~UNE NAISSANCE PREMATUREE**
[72] CAMPOS PEREZ, GERMAN ARZOBINDO, CL
[72] CHEN, SHU-CHEN, CL
[71] LABORATORIOS ANDROMACO S.A., CL
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[54] **MATRICE D'ARRET DE FAISCEAU MOBILE COURBEE ET TOMODENSITOMETRIE A FAISCEAU CONIQUE L'UTILISANT**
[72] AHN, SO HYUN, KR
[72] LEE, KYU CHAN, KR
[71] GIL MEDICAL CENTER, KR
[71] GACHON UNIVERSITY OF INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
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[54] **MODULE DE FUSIBLE ENFONCABLE SECURITAIRE DOTE D'UNE POIGNEE DE RETRAIT INTEGREE**
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[72] ZHANG, XUECHENG, US
[72] GUO, RUI, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **CONTROLLER, FLASH MEMORY APPARATUS, AND METHOD FOR WRITING DATA INTO FLASH MEMORY APPARATUS**
[54] **CONTROLEUR, APPAREIL A MEMOIRE FLASH ET PROCEDE POUR ECRIRE DES DONNEES DANS UN APPAREIL A MEMOIRE FLASH**
[72] ZHANG, CHENYI, CN
[72] LIN, CHUNGONG, CN
[72] WEI, MINGCHANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-06-17
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[54] **METHOD FOR WRITING DATA INTO FLASH MEMORY APPARATUS, FLASH MEMORY APPARATUS, AND STORAGE SYSTEM**
[54] **PROCEDE POUR ECRIRE DES DONNEES DANS UN APPAREIL A MEMOIRE FLASH, APPAREIL A MEMOIRE FLASH ET SYSTEME DE STOCKAGE**
[72] ZHANG, CHENYI, CN
[72] LIN, CHUNGONG, CN
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **UTILISATION DE JETONS A DUREE LIMITEE POUR GARANTIR LA CONFORMITE DES PCI**
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[72] GEYER, RANDALL, US
[72] STEFANESCU, MUGUR, US
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[54] **DISPOSITIFS DE PENETRATION INTRAVASCULAIRE**
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[72] LE, TUNG T., US
[72] OIEN, ANDREW, US
[72] TRAN, SONNY, US
[72] LE, THANH HUY, US
[72] BOWES, ROBERT, US
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[54] **FUMOIR A CIRCULATION D'AIR AMELIOREE**
[72] BLUE, SAMUEL RALPH, US
[72] BARGER, JESSE DEWAYNE, US
[72] NEEDHAM, CHRISTOPHER SHANE, US
[72] HUNSLEY, RAD JASON, US
[71] SOUTHERN PRIDE DISTRIBUTING, LLC, US
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[54] **DISPOSITIF DE COUPE EN SPIRALE D'UN MATERIAU RESISTANT A LA COUPE**
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[71] GEFU-KUCHENBOSS GMBH & CO. KG, DE
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[54] **COMPOSITIONS DE RESINE FORMULEES POUR LE VERNISSAGE INTEGRAL DE DISPOSITIFS DE CIRCUIT ELECTRONIQUE**
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[72] SCANLON, THOMAS C., IV, US
[71] CYTEC INDUSTRIES INC., US
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[54] **BETA-CASEINE A2 ET PREVENTION D'UNE INFLAMMATION DE L'INTESTIN**
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[71] THE A2 MILK COMPANY LIMITED, NZ
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[72] OWEN, ANDREW, GB
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[54] **COMPOSES HETEROCYCLIQUES SUBSTITUES UTILES EN TANT QUE MODULATEURS DE CRAC**
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[72] KHEDKAR, NILESH RAGHUNATH, IN
[72] JAPE, RAVINDRA BABANRAO, IN
[72] NANDURDIKAR, RAHUL SHRIPAD, IN
[72] SHAIKH, ZUBAIR ABDUL WAJID, IN
[72] SINHA, NEELIMA, IN
[72] PALLE, VENKATA P., IN
[72] KAMBOJ, RAJENDER KUMAR, IN
[71] LUPIN LIMITED, IN
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[25] FR
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[54] **PROCEDE DE DECARBONATATION D'UN GAZ HYDROCARBONE**
[72] GONNARD, SEBASTIEN, FR
[72] LALOUE, NICOLAS, FR
[72] LEROY, AGNES, FR
[72] PERDU, GAUTHIER, FR
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[71] UNIVERSITY OF PRETORIA, ZA
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[54] **A DOWNHOLE PUMPING ASSEMBLY AND A DOWNHOLE SYSTEM**
[54] **ENSEMBLE DE POMPAGE DE FOND DE PUITS ET SYSTEME DE FOND DE PUITS**
[72] VASQUES, RICARDO REVES, DK
[71] WELLTEC A/S, DK
[85] 2015-12-11
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[54] **PULLULANASE CHIMERAS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **CHIMERES DE PULLULANASE ET POLYNUCLEOTIDES LES CODANT**
[72] MATSUI, TOMOKO, DK
[71] NOVOZYMES A/S, DK
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[54] **FILTER ASSEMBLY**
[54] **ENSEMBLE FILTRE**
[72] NIEUWLAND, PIERRE GERARD WILLEM, NL
[71] NTF HOLDING B.V., NL
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[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF ELECTRODE FRAME ASSEMBLY FOR FUEL CELL**
[54] **PROCEDE ET DISPOSITIF POUR FABRIQUER UN ENSEMBLE CADRE D'ELECTRODE POUR PILE A COMBUSTIBLE**
[72] KANAI, NOBUO, JP
[72] HAYASHI, TOMOKAZU, JP
[72] MIZUNO, KEISUKE, JP
[72] SUZUKI, HIROSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-12-11
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[25] EN
[54] **METHODS AND SYSTEMS FOR DISPLAYING VIRTUAL FILES SIDE-BY-SIDE WITH NON-VIRTUAL FILES AND FOR INSTANTANEOUS FILE TRANSFER**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AFFICHER DES FICHIERS VIRTUELS A COTE DE FICHIERS NON VIRTUELS ET DE TRANSFERER INSTANTANEMENT DES FICHIERS**
[72] ROUBAUD, GAWEN ARAB, FR
[72] MARCOMBES, SEVERIN OLIVIER YVES, FR
[71] FORGETBOX SAS, FR
[85] 2015-12-15
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[72] BORDIN, RUBEN, BE
[72] VERLEENE, DAVE, BE
[71] REDCO NV, BE
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[54] **SURFACE MODIFIED PARTICULATE AND SINTERED EXTRUDED PRODUCTS**
[54] **PARTICULE MODIFIEE EN SURFACE ET PRODUITS EXTRUDES FRITTES**
[72] HEIKKILA, KURT E., US
[71] TUNDRA COMPOSITES, LLC, US
[85] 2015-12-15
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[54] **REVERSE SHOWROOMING AND MERCHANT-CUSTOMER ENGAGEMENT SYSTEM**
[54] **REVERSE SHOWROOMING ET SYSTEME D'INTERACTION COMMERCANT-CLIENT**
[72] ELLISON, SCOTT, US
[71] PAYPAL, INC., US
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[72] SAGEN, ERIC, US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
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[54] **AFUCOSYLATED ANTI-FGFR2IIIB ANTIBODIES**
[54] **ANTICORPS ANTI-FGFR2IIIB AFUCOSYLES**
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[72] PIERCE, KRISTEN, US
[72] PATIL, NAMRATA, US
[72] BRENNAN, THOMAS, US
[72] HAMBLETON, JULIE, US
[71] FIVE PRIME THERAPEUTICS, INC., US
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[25] FR
[54] **REVERSIBLE WIRE TWISTING PLIERS**
[54] **PINCE A FREINER REVERSIBLE**
[72] GILLET, PASCAL, FR
[72] PETIT, FABRICE, FR
[71] GILLET GROUP, FR
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[54] **METHODS AND COMPOSITIONS FOR MILKSHAKE PREPARATION**
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[72] CULLIN, ALISON, US
[72] MILLER-BOIVIN, KIM, US
[72] BARLOW, RYAN, US
[71] ENODIS CORPORATION, US
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[54] **AUTHENTICATION SYSTEM**
[54] **SYSTEME D'AUTHENTIFICATION**
[72] CHATTERTON, GEOFFREY W., US
[72] KHANNA, RAMANEEK, US
[72] NICHOLS, TIMOTHY C., US
[71] PAYPAL, INC., US
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[54] **ELECTRONIC WALLET FUND TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE FONDS DE PORTEFEUILLE ELECTRONIQUE**
[72] PRABHU, NITIN, US
[72] MIEL, JONATHAN, US
[72] PAN, FEI, US
[72] HAAG, ROLF JOCHEN, US
[71] PAYPAL, INC., US
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[25] EN
[54] **A STAIN-PROOF ORAL CARE COMPOSITION**
[54] **COMPOSITION DE SOINS ORAUX ANTITACHE**
[72] STRAND, ROSS, CN
[72] LI, YUJUN, CN
[72] ZHANG, YIQUN, CN
[72] LI, XIAOXIAO, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **I-BEAM FUSELAGE STRUCTURE OF AN UNMANNED HELICOPTER**
[54] **STRUCTURE DE FUSELAGE A POUTRE EN I POUR UN HELICOPTERE INHABITE**
[72] ZHAO, HONGBO, CN
[72] ZHAO, SHUGUANG, CN
[72] MA, QIXING, CN
[71] QINGDAO HONG BAICHUAN METAL PRECISION PRODUCTS CO., LTD., CN
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[54] **MOBILE DRY MATERIAL STORAGE**
[54] **STOCKAGE DE MATIERE SECHE MOBILE**
[72] MCMAHON, JIM, CA
[71] SOURCE ENERGY SERVICES CANADIAN LOGISTICS LP, CA
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[25] EN
[54] **METHOD FOR DECOMPOSING POLYMER MATERIAL, METHOD FOR PRODUCING RECYCLED RESIN, AND METHOD FOR RECOVERING INORGANIC FILLER**
[54] **PROCEDE POUR DECOMPOSER UNE MATIERE POLYMERE, PROCEDE DE PRODUCTION DE RESINE RETRAITEE ET PROCEDE DE RECUPERATION DE CHARGE INORGANIQUE**
[72] GOTO, JUNYA, JP
[72] ISHIKAWA, MASAKI, JP
[72] ORIHARA, TAMOTSU, JP
[72] KOIDE, TAICHI, JP
[71] SUMITOMO BAKELITE CO., LTD., JP
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[25] EN
[54] **COMPOUNDS WITH ANTI-CANCER ACTIVITY**
[54] **COMPOSES PRESENTANT UNE ACTIVITE ANTI-CANCEREUSE**
[72] KAWABE, TAKUMI, JP
[72] ISHIGAKI, MACHIYO, JP
[72] SATO, TAKUJI, JP
[72] YAMAMOTO, SAYAKA, JP
[72] HASEGAWA, YOKO, JP
[71] CANBAS CO., LTD., JP
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[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF IN THE TREATMENT OF SEXUAL DISORDERS**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS DANS LE TRAITEMENT DE TROUBLES SEXUELS**
[72] UNKNOWN, ZZ
[71] ATIR HOLDING S.A., LU
[22] 2007-03-28
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[30] US (60/786,379) 2006-03-28
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[51] **Int.Cl. C07C 39/17 (2006.01) C07C 39/02 (2006.01) C07C 39/14 (2006.01)**
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[54] **PHOTOCHROMIC COMPOUNDS**
[54] **COMPOSES PHOTOCHROMIQUES**
[72] HE, MENG, US
[72] DABIDEEN, DARRIN R., US
[72] KUMAR, ANIL, US
[72] KELLAR, TERRY A., II, US
[71] TRANSITIONS OPTICAL, INC., US
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[62] 2,745,764
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[54] **PHOTOCHROMIC COMPOUNDS**
[54] **COMPOSES PHOTOCHROMIQUES**
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[72] DABIDEEN, DARRIN R., US
[72] KUMAR, ANIL, US
[72] KELLAR, TERRY A., II, US
[71] TRANSITIONS OPTICAL, INC., US
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[54] **PULVERULENT NI,CO MIXED HYDROXIDE FOR USE IN THE PRODUCTION OF ELECTROCHEMICAL CELLS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE COMPOSES PAR PRECIPITATION**
[72] OLBRICH, ARMIN, DE
[72] MEESE-MARKTSCHEFFEL, JULIANE, DE
[72] JAHN, MATTHIAS, DE
[72] ZERTANI, RUDIGER, DE
[72] MAIKOWSKE, GERD, DE
[72] ALBRECHT, SVEN, DE
[72] MALCUS, STEFAN, DE
[72] SCHMOLL, JOSEF (DECEASED), DE
[72] KRUFT, MICHAEL, CA
[71] H.C. STARCK GMBH, DE
[22] 2007-03-20
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[62] 2,644,955
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[51] **Int.Cl. C07D 401/10 (2006.01) A61K 31/5513 (2006.01)**
[25] EN
[54] **1,4-BENZODIAZEPINE-2,5-DIONES AND RELATED COMPOUNDS WITH THERAPEUTIC PROPERTIES**
[54] **1,4-BENZODIAZEPINE-2,5-DIONES ET COMPOSES APPARENTES PRESENTANT DES PROPRIETES THERAPEUTIQUES**
[72] GLICK, GARY D., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[51] **Int.Cl. D21F 1/08 (2006.01) D21F 1/10 (2006.01)**
[25] EN
[54] **METHODS FOR FORMING FLUFF PULP SHEETS**
[54] **PROCEDES POUR FORMER DES FEUILLES DE PATE DEFIBREE**
[72] JAAKKOLA, JYRIKI T., US
[72] SEALEY, JAMES E., US
[71] INTERNATIONAL PAPER COMPANY, US
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MCQUOWN, STEPHEN G. 2,838,460
MECHANIC, JORDAN 2,655,323
MEDIMMUNE, LLC 2,646,526
MEDINA, ARTURO NORBERTO 2,808,462
MEDO, ELENA M. 2,706,722
MEGTEC TURBOSONIC INC. 2,773,620
MEGTEC TURBOSONIC INC. 2,800,727
MEHTA, NARESH I. 2,647,378
MEIER, ALAIN 2,679,324
MEIER, CHRISTIAN 2,769,252
MEIJI CO., LTD. 2,817,347
MELIKIAN, ANITA 2,629,461
MENA CERVANTES, VIOLETA YASMIN 2,817,681
MENDELEWICZ, RAN 2,741,206
MENDEN, GUNTER 2,374,578
MENDOZA DE LA CRUZ, JOSE LUIS 2,817,681
MENGELING, WILLIAM L. 2,650,236
MENTEN, CHARLES H. 2,633,277
MERCK & CIE 2,670,385
MERIAL, INC. 2,829,827
MERIMONT US 2,663,283
MERMINOD, ANTOINE 2,656,732
MERZ, DIETHARD 2,451,526
METAVANTE CORPORATION 2,657,950
METZ, JAMES G. 2,443,908
MEYER, KLAUS 2,751,201
MICHEL, STEVE 2,695,423
MICHEL, URS 2,670,385
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,724,657
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,728,043
MICROMASS UK LIMITED 2,675,055
MICROTEK MEDICAL, INC. 2,704,243
MILES, DESMOND JOHN 2,739,356
MILESTONE PHARMACEUTICALS INC. 2,693,627
MILKOWSKI, BOGUMIT 2,708,185
MILLER, DEWAYNE RAY 2,747,152
MILLER, JASON 2,695,423
MILLER, M. TODD 2,696,679
MILLER, STEPHEN J. 2,732,277
MILLSON CUSTOM SOLUTIONS INC. 2,826,014
MILLSON, RICHARD BLAIR 2,826,014
MIMRAN, AVISHAI 2,577,196
MIN, JUNG-HYE 2,876,795
MINCHEW, CARL 2,754,188
MINDT, THOMAS LEIGHTON 2,670,385
MINE, TOSHIKI 2,658,926
MINNELLI, PATRICK J. 2,706,443
MITCHELL, DAVID LEE, JR. 2,790,236
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,826,007
MITSUHASHI, MASARU 2,559,438
MIYAKE, NOBUHISA 2,808,568
MIZUNO, TAKAHIDE 2,795,573
MIZUTANI, TADAHIRO 2,809,615
MMRGLOBAL, INC. 2,673,725
MOCHIZUKI, RYO 2,639,468
MOEN INCORPORATED 2,675,428
MOEN INCORPORATED 2,675,429
MOERI, PETER 2,701,678
MOHR, ULRICH 2,605,320
MOISAN, ALAIN 2,610,048
MONDO S.P.A. 2,631,968
MONSANTO TECHNOLOGY LLC 2,740,812
MONTFORT SERVICES SDN. BHD 2,644,921
MONTOJO, JUAN 2,754,440
MONTPLAISIR, JEAN-FRANCOIS 2,610,048
MOORE, GARY 2,807,897
MOORE, MATTHEW D. 2,778,708
MOORE, STEPHEN G. 2,841,071
MOOSAVI, VAHID 2,738,612
MORANNE-BEAUFILS, SOPHIE 2,728,043
MORENO, GIL A. 2,866,081
MORETTI, ALBERT L. 2,659,688
MORIARTY, ANN 2,643,337
MORIN, MARTIN 2,732,030
MORITA, MASAHIRO 2,817,494
MORMAN, DANIEL N. 2,719,942
MORRIS, CHADWICK 2,698,536
MORRISSEY, ANNE B. 2,715,331
MOSER, RENZO 2,701,678
MOSER, RUDOLF 2,670,385
MOSS, ROBERT D. 2,802,185
MOTOROLA MOBILITY LLC 2,826,134
MOTTE, MAGALI MADELEINE SIMONE 2,668,517
MOTTIRONI, BIANCA 2,676,954
MPI TROND SIVERTSEN 2,730,418
MUECKTER, HELMUT 2,825,444
MUELLER, CRISTINA MAGDALENA 2,670,385
MUELLER, HANS-JUERGEN 2,789,782
MULTIFEEDER TECHNOLOGY, INC. 2,877,340
MULTIQUIP, INC. 2,856,084
MUNIZ-MARTINEZ, ADAN H. 2,839,243
MUONA, JOUKO 2,827,180
MURATA, YUSUKE 2,847,150
MURDOCH, LAWRENCE 2,764,142
MURPHY, ALISON 2,693,169
MURPHY, CHRISTOPHER JOSEPH 2,504,292
MURRAY, CHRISTOPHER ADAM 2,834,542
MUSCHAR, HARRY L. 2,853,595
MUSTERS, JACOBUS CORNELIS 2,690,785
MUTH, OLIVER 2,703,749
MUTO, AKIO 2,795,573
MUTZ, MICHAEL 2,824,301
MYERS, THOMAS W. 2,802,304
MYLAN LABORATORIES LIMITED 2,663,178
MYRE, JAKE 2,857,147
NAGAI, HIROKI 2,817,494
NAGASE, HIROSHI 2,745,379
NAGASHIMA, DAN 2,795,573
NAGLE, GREG A. 2,720,456
NAGRAVISION S.A. 2,632,054
NAKAMOTO, HIROFUMI 2,745,379
NAKAMURA, HIROYUKI 2,786,087
NAKATA, SATOSHI 2,809,615
NAKAZAWA, YOSHIAKI 2,859,300
NANORX, INC. 2,894,370
NARVEL, JAMES 2,740,812
NASHASHIBI, IMAD 2,693,169
NATARAJAN, JANARTHANAN 2,815,099
NATIONAL INSTITUTE FOR MATERIALS SCIENCE 2,745,379
NATIONAL OILWELL VARCO, L.P. 2,765,231
NATIONAL OILWELL VARCO, L.P. 2,818,896
NAVISWISS AG 2,611,404
NCC NANO, LLC 2,740,618
NEGLEY, MARK A. 2,841,071
NELSON, ROGER 2,642,530
NEONODE INC. 2,848,650
NESTEC S.A. 2,649,954
NESTEC S.A. 2,679,324
NESTEC S.A. 2,687,504
NESTEC S.A. 2,701,678
NESTEC S.A. 2,841,519
NEUROARM SURGICAL LTD. 2,684,475
NEW POWER CONCEPTS LLC 2,782,772
NEWHOOK, PERRY 2,684,475
NEWMAN, BENJAMIN KEITH 2,854,191
NEWMAN, FREDERIC M. 2,839,478
NGHIEM, HALEY 2,695,423
NGO, CHIU YEUNG 2,778,538
NGUYEN, BINH T. 2,621,232
NGUYEN, DUY 2,706,806
NGUYEN, HENRY 2,836,792
NGUYEN, LANG 2,602,653
NICHOLAS, MICHAEL B. 2,701,731
NICKEL, JOERG 2,751,201
NIEDERMAYR, ERICH 2,374,578
NIELSEN, STEVEN E. 2,729,590
NIELSEN, STEVEN E. 2,738,968
NIEMI, PEKKA 2,709,583
NIETO ALVAREZ, DAVID AARON 2,817,681
NIEWELS, JOACHIM JOHANNES 2,876,264
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,859,300
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,692,224
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,739,254
NISHI, TAKAHIRO 2,771,433

NISSAN MOTOR CO., LTD. 2,875,297
NISSOV, MORTEN 2,754,548
NOH, YU JIN 2,791,705
NOKIA SOLUTIONS AND NETWORKS OY 2,753,673
NOKIA SOLUTIONS AND NETWORKS OY 2,775,952
NOKIA TECHNOLOGIES OY 2,737,030
NOKIA TECHNOLOGIES OY 2,782,277
NORBERG, ANDERS JOHAN 2,706,663
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,861,942
NORDLING, PETER M. 2,877,340
NORRIS, MICHAEL 2,782,772
NORTH SAFETY PRODUCTS LIMITED 2,623,461
NORTHWEST BIOTHERAPEUTICS, INC. 2,517,295
NOSOVA, KSENIYA 2,668,857
NOVACK, AARON 2,629,461
NOVACK, AARON 2,693,169
NOVARTIS AG 2,652,044
NOVARTIS AG 2,808,462
NOVARTIS AG 2,813,469
NOVARTIS AG 2,824,301
NOZAWA, IZUMI 2,809,615
NUERNBERGER, THOMAS 2,681,018
NUMAZU, KENJIRO 2,847,150
O'CONNELL, EIMEAR KATHLEEN 2,504,292
O'DONNELL, LEE 2,795,573
OBADUN, LATEEF OLUSEGUN ADIGUN 2,817,794
OESTERLING, JESSICA 2,779,707
OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES (ONERA) 2,664,715
OGAWA, TETSUYA 2,813,967
OHIO UNIVERSITY 2,658,663
OKITA, YASUAKI 2,684,031
OKUYAMA, JUNICHI 2,810,648
OLDSEN, JOHN G. 2,742,253
OLIVER, ANDREW STEPHEN 2,864,835
OLSON, TREVOR LEE 2,813,184
OMACHRON INTELLECTUAL PROPERTY INC. 2,880,934
OMENETTO, FIORENZO 2,704,769
OOI, TOSHIHIKO 2,684,031
ORBELL, CHARLES R. 2,867,376
ORCHARD, MIKE 2,676,954
OREA, FRANCISCO 2,810,002
ORR, JILL MARLENE 2,832,736
ORUPOLD, TAAVI 2,864,593
ORYXE 2,566,354
OSL, DORIS 2,724,828
OSWALD, KLAUS 2,789,782
OTHS, PHILIP J. 2,647,378
OTOR SOCIETE ANONYME 2,713,406
OTSUKA, HIROSHI 2,721,340
OUTOTEC OYJ 2,753,791
OVERAKER, DAVID 2,652,871
OVERSBY, KEVIN K. 2,868,338
OXIGENE, INC. 2,703,283
OY HALTON GROUP LTD. 2,712,310
OZANNE, MATTHIEU 2,649,954
OZAWA, TAKASHI 2,728,154
OZAWA, YOSHIHIKO 2,639,468
O'NEILL, CONOR M. 2,810,686
PACIFIC BIOSCIENCES OF CALIFORNIA, INC. 2,631,248
PAESCHKE, MANFRED 2,703,749
PAGE, PATRICK 2,676,954
PALAIS, GEORGES 2,619,198
PALANKI, RAVI 2,754,440
PALMER, DAMON M. 2,732,030
PANASONIC CORPORATION 2,671,557
PANASONIC CORPORATION 2,771,433
PANASONIC HEALTHCARE HOLDINGS CO., LTD. 2,548,440
PANTALONE, PAUL 2,726,539
PAPADIMITRIOU, STYLIANOS 2,631,884
PAPADIMITRIOU, WANDA G. 2,631,884
PARENT, CARMEN 2,838,139
PARIKH, SAPNA HASIT 2,624,049
PARK, JIN S. 2,830,712
PASHA, AKBER 2,822,847
PATEL, RAHUL 2,817,535
PATRIA LAND & ARMAMENT OY 2,709,583
PAUL, BINUSH KUMAR 2,817,318
PCO GROUP GMBH 2,687,733
PECHENOT, FLORENCE 2,830,853
PEERA, ASGHAR AKBER 2,723,509
PENDYALA, CHANDRA MOHAN 2,642,433
PENGFEI ZHOU AND LEI FU 2,844,353
PENNINGTON, DAVID 2,729,590
PENTAIR WATER POOL AND SPA, INC. 2,668,626
PERLADE, ASTRID 2,830,853
PETEREIT, HANS-ULRICH 2,769,252
PETERSEN, KAMILLE DUMONG 2,627,923
PETERSON, PER A. 2,643,337
PETH, ALAN 2,702,112
PFAFF, GARY L. 2,630,363
PFLUGHOEFFT, MALTE 2,703,749
PHILOMETRON, INC. 2,451,526
PHYSICAL SYSTEMS, INC. 2,827,997
PIECIAK, JOSEPH A., JR. 2,685,166
PIEHL, MARC J. 2,841,071
PIETT, WILLIAM TODD 2,662,606
PILIPETSKII, ALEXEI N. 2,754,548
PIMPLASKAR, HARISH K. 2,857,286
PINGREE, LIAM S. CAVANAUGH 2,841,071
PIONEER HI-BRED INTERNATIONAL, INC. 2,848,884
PIPARD, JEAN MARC 2,830,853
PIRAMAL ENTERPRISES LIMITED 2,624,049
PIROVANO, ALESSANDRO 2,639,487
PISANOVA, ELENA 2,666,749
PITKIN, JOHN W. 2,740,812
PLATINUM GMBH 2,624,035
PLC PATENTS AND TRADE MARKS INC. 2,682,022
PLEISCH, HANSPETER 2,679,324
PLUMB, JANE 2,627,923
POIGT, LAURE 2,677,227
POLAKIS, PAUL 2,530,884
POLLAK, ALEXANDRE 2,602,653
POLOZOLA, MICHELLE L. 2,864,328
POPE, DAVE S. 2,740,618
PORTER, ANGELA L. 2,704,821
PORTER, DAVID R. 2,704,821
PORTIG, HARALD 2,854,191
POSTNIKOV, ALEXANDER B. 2,669,024
POULISSE, HENK NICO JAN 2,692,996
PPG INDUSTRIES OHIO, INC. 2,838,460
PPG INDUSTRIES OHIO, INC. 2,853,595
PRATT & WHITNEY CANADA CORP. 2,643,463
PRAVDA, JAY 2,691,132
PREISIG, PETER 2,701,678
PREMIER TECH TECHNOLOGIES LTEE 2,732,030
PRIESSMAN, KEITH ROBERT 2,832,736
PRIMOT, JEROME 2,664,715
PRISMAFLEX INTERNATIONAL 2,727,002
PRITCHETT, RAYMOND A., JR. 2,704,333
PROCESSUM BIOREFINERY INITIATIVE AB 2,706,663
PROLACTA BIOSCIENCE, INC. 2,706,722
PROMETRIC INC. 2,466,683
PROVOST, FABRICE 2,696,831
PUDDICOMBE, SARAH MARGARET 2,632,032
PUDLEINER, HEINZ 2,703,749
PUDLEINER, HEINZ 2,751,201
PUGET SOUND BLOOD CENTER 2,872,378
PULSE TECHNOLOGIES, INC. 2,699,085
PURAC BIOCHEM BV 2,670,931
PURAC BIOCHEM BV 2,670,934
PURDY, DAVID F. 2,667,138
PUSATERI, DANIEL 2,829,644
QIAN, KATHY 2,680,611
QINGDAO HAIER ELECTRONICS CO., LTD. 2,748,888
QLIKTECH INTERNATIONAL AB 2,671,650
QUALCOMM INCORPORATED 2,670,841
QUALCOMM INCORPORATED 2,706,312
QUALCOMM INCORPORATED 2,754,440
QUALCOMM INCORPORATED 2,790,073
QUEZADA, EMILIO 2,802,185
QUICK CONNECTORS, INC. 2,718,054
QUINLAN, ROBERT 2,715,235
QUINTAL, LINE 2,761,616
QUIRICO, CHARLES R. 2,724,669
RABBAT, CHRISTOPHER J. 2,693,169
RADER, LINDA KATHRYN 2,829,827
RAE, ROBERT L. 2,864,328
RAFALOVICH, ALEXANDER PINKUS 2,642,433

RAGHAVAN, PALAYAKOTAI R. 2,894,370
RAGNI, LORELLA 2,692,975
RAIN, JEAN-CHRISTOPHE 2,667,839
RAJARAMAN, SURESH KALPATU 2,788,830
RAKUTEN, INC. 2,769,981
RAKUTEN, INC. 2,796,493
RAKUTEN, INC. 2,803,861
RAKUTEN, INC. 2,847,150
RAMIER, JULIEN 2,816,301
RAMKUMAR, SHWETHA 2,743,911
RAMOS, JOSE 2,587,562
RAMSEIER, TOM M. 2,443,908
RANARD, GEOFFREY 2,642,530
RANTA-AHO, KARRI MARKUS 2,753,673
RAPACKI, ALAN 2,648,421
RATNER, DANIEL M. 2,872,378
RAVE WIRELESS, INC. 2,662,606
RAVI, DHAMJEWAR 2,663,178
RAWAT, NIDHI 2,667,138
RAWSON, IAN M. 2,740,618
RAY, STEPHEN L 2,809,634
RAYHILL LIMITED 2,671,412
RAYTHEON CYBER PRODUCTS, LLC 2,856,730
RAYTHEON CYBER PRODUCTS, LLC 2,856,969
RECHERCHE ET DEVELOPPEMENT EVERON CA INC. 2,610,048
RECHTMAN, DAVID J. 2,706,722
REGAL BELOIT AMERICA, INC. 2,732,646
REGNIER, JEAN 2,536,727
REICH, CARY 2,648,421
REICHERT, FRED 2,802,304
REICHLE, BRENDA 2,824,592
REICHLE, DAVID LEE 2,824,592
REIHANIFAM, MOHSEN 2,698,409
RELITECH B.V. 2,690,785
RELUME TECHNOLOGIES, INC. 2,726,881
REMLER, PETER 2,724,828
REMOUE, TYLER 2,723,446
REPUBLIC TOBACCO L.P. 2,830,951
REUNAMAEKI, KARI 2,709,583
REVINGTON, ADRIAN 2,820,252
REYNOLDS, AARON 2,715,235
REYNOLDS, MARK 2,530,884
REYNOLDS, MARK G. 2,670,222
REZNIK, ALLA 2,669,678
RHEEM MANUFACTURING COMPANY 2,822,358
RHODIA OPERATIONS 2,713,849
RIBES, GERARD 2,661,329
RICARD, SYLVAIN 2,351,567
RICCI, ROBERT 2,644,766
RICH CUP BIO-CHEMICAL TECHNOLOGY CO., LTD. 2,768,519
RICHARD, MATTHEW 2,856,730
RICHARDS, JON M. 2,643,337
RICHARDSON, DAVID R. 2,726,915
RICHARDSON, DOUGLAS HARVEY 2,867,362
RICHIUSO, LEONARD 2,668,626
RICHTER, NORBERT 2,687,733
RIDDELL, MARK 2,670,222
RIDGLEY, RICHARD 2,779,470
RIEDER, ALFRED 2,809,710
RIETHORST, WAANDER 2,724,828
RINGCENTRAL, INC. 2,699,310
RIOUX, ELISE 2,693,627
RIPPERT, JOERG 2,713,941
RITCHIE, JAMES 2,627,923
RIVALLE, CHRISTIAN 2,677,877
RIVERA, TEODORO 2,779,707
ROBBIN, JEFFREY L. 2,773,378
ROBERTSON, IAN M. 2,575,638
ROBINSON, LANCE 2,822,242
ROBINSON, RONNI L. 2,715,447
ROBISON, CLARK E. 2,764,764
ROCHE DEL AYALA, GABY 2,663,283
ROCHE GLYCART AG 2,773,882
ROCKWOOL INTERNATIONAL A/S 2,668,513
ROESSLER, PAUL G. 2,443,908
ROGERS, MATTHEW LEE 2,854,191
ROH, DONG WOOK 2,791,705
ROOF, MIKE 2,650,236
ROSA, CLAUDIO 2,775,952
ROSE, LUTZ 2,823,756
ROSE, MARTIN 2,814,523
ROSE, SCOTT DOUGLAS 2,783,062
ROSEMOUNT INC. 2,804,988
ROSENKRANZ, MARK 2,715,235
ROTH, ERNA 2,769,252
ROTH, MATTHIAS ALEXANDER 2,713,941
ROTTER, VARDA 2,577,196
ROUSSEAU, FREDERIC 2,903,203
ROWE, FRAN 2,664,584
ROWLANDS, JOHN A. 2,669,678
RUHE, WILLIAM R., JR. 2,606,641
RUNT, JAMES P. 2,646,277
RUSSELL, MATTHEW A. 2,704,333
RUTHER, MICHAEL 2,829,534
RYSER, ANTOINE 2,687,504
S.P.C.M. S.A. 2,794,922
SABAN VENTURES PTY LIMITED 2,729,569
SACHEM, INC. 2,816,961
SACHS, JASON MICHAEL 2,782,772
SADA, DENISE E. 2,727,527
SAIED, REZA 2,632,774
SAITO, GHEN 2,662,606
SAKAGUCHI, KUMIKO 2,817,347
SAKAI, GO 2,813,967
SAKURAI, MICHITAKA 2,684,031
SAKURAI, RUKA 2,847,150
SALCHENEGGER, JOERG 2,724,828
SALIX PHARMACEUTICALS, INC. 2,814,523
SAMBHWANI, SHARAD DEEPAK 2,706,312
SAMMOUR, MOHAMMED 2,647,442
SAMSUNG ELECTRONICS CO., LTD. 2,778,538
SAMSUNG ELECTRONICS CO., LTD. 2,823,801
SAMSUNG ELECTRONICS CO., LTD. 2,876,795
SANCHEZ, ANA 2,820,252
SANDERS, LAURA ANN 2,813,469
SANDOZ AG 2,724,828
SANDVIK MINING AND CONSTRUCTION OY 2,827,180
SANE, SACHIN J. 2,795,071
SAPLIN, STEVEN ADAM 2,824,592
SAPPI NETHERLANDS SERVICES B.V. 2,611,787
SAPPORO BREWERIES LIMITED 2,767,145
SAPRE, DHANANJAY 2,624,049
SASAKI, TAIJI 2,771,433
SAUDI ARABIAN OIL COMPANY 2,858,085
SAVANT, VIVEK DILIP 2,841,519
SAWADA, HIRAKU 2,773,123
SCARPETTI, PAOLO 2,692,975
SCHARF, BRYAN CHRISTOPHER 2,854,191
SCHEFFERS, MARTIJN 2,680,611
SCHEUCH GMBH 2,832,206
SCHIBLI, ROGER 2,670,385
SCHILL, CHRISTOPH 2,624,035
SCHILLING, ROBIN B. 2,704,452
SCHIRMER, HENRY G. 2,807,105
SCHLENHOFF, BEHREND GOSWIN 2,781,344
SCHLUMBERGER CANADA LIMITED 2,668,857
SCHLUMBERGER CANADA LIMITED 2,697,853
SCHLUMBERGER CANADA LIMITED 2,729,107
SCHLUMBERGER CANADA LIMITED 2,816,301
SCHLUMBERGER NORGE AS 2,638,266
SCHLUTER, JAMES C. 2,724,458
SCHMIDT, HOWARD K. 2,858,085
SCHMIDT-AMELUNXEN, MARTIN 2,687,149
SCHMIDT-AMELUNXEN, MARTIN 2,847,709
SCHNEIDER, UDO 2,829,534
SCHOLLE CORPORATION 2,741,643
SCHOLZEN, WERNER 2,761,382
SCHOOK, ROBERT 2,761,013
SCHREIBMANN, EDUARD 2,726,539
SCHROCK, DEREK W. 2,712,310
SCHRODER, KURT A. 2,740,618
SCHROEDER, JOYCE A. 2,601,823
SCHROETER, PETER 2,685,455
SCHULTE, JOHN P. 2,804,988
SCHULTZ, DONALD W. 2,785,372
SCHUSTER, ERIC 2,713,406
SCHWAB, HELMUT 2,724,828
SCHWAB, JUSTIN J. 2,835,839
SCHWAB, ROBIN 2,701,678

SCHWARZL, GUNTER 2,832,206
SCHWEIGKOFLER, MARTIN 2,847,709
SCHWEITZER ENGINEERING LABORATORIES, INC. 2,719,942
SCOFIELD, CHRISTOPHER L. 2,726,915
SCOTT, ROBERT 2,808,462
SEAMAN, KEITH 2,854,191
SEBIRE, BENOIST PIERRE 2,775,952
SECURUS TECHNOLOGIES, INC. 2,864,328
SEED, BRIAN 2,655,323
SEED, BRIAN 2,682,202
SEFERYAN, KARINA R. 2,669,024
SEGUI, JENNIFER ANN 2,669,678
SEIDL, LON 2,841,533
SEIKO EPSON CORPORATION 2,809,615
SEKIYA, HIROSHI 2,773,123
SEKIZAWA, KOSHI 2,813,967
SELEX ES LTD 2,723,357
SEMENOV, ALEXANDER G. 2,669,024
SENFTNER, GOTTFRIED 2,789,782
SEO, DONG YOUN 2,787,891
SEO, HAN BYUL 2,787,891
SEOK, YONG HO 2,791,705
SEVDINOGLOU, CONSTANTINOS NICKOLAOS 2,662,606
SEYMOUR OF SYCAMORE INC. 2,814,858
SHADE, JAMES 2,724,458
SHAIN, JOSEPH 2,848,650
SHAN, JUFANG 2,771,940
SHANKERNARAYANAN, MANIVAKKAM J. 2,808,462
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,684,468
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,692,996
SHENG, ZELIN 2,682,202
SHEPS, TAL 2,741,206
SHETTY, JAYARAMA 2,680,611
SHI, DONG FANG 2,693,169
SHI, JIANXIONG 2,795,071
SHI, XUEFENG 2,842,704
SHIKI SATOSHI 2,732,641
SHIMADA, KAZUHIDE 2,875,297
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